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DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
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Deputy Minister
M. W. MACKENZIE

ANNUAL REPORT
OF THE
Board of Grain Commissioners
for Canada

FOR THE YEAR

1947



OTTAWA
EDMOND CLOUTIER, C.M.G., B.A., L.Ph.,
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
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OF THE

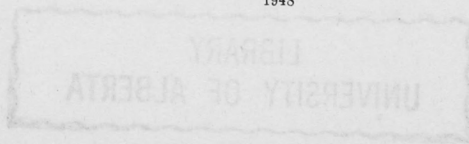
Board of Grain Commissioners
for Canada

FOR THE YEAR

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DEPARTMENT OF TRADE AND COMMERCE

OTTAWA, CANADA

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REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MANITOBA,

January 16, 1948

Honourable JAMES A. MACKINNON, M.P.,

Minister of Trade and Commerce,

Ottawa, Canada.

SIR,—We beg to submit herewith the Annual Report of the Board of Grain Commissioners for Canada for the Year 1947 in compliance with Section Twenty-three of The Canada Grain Act, 1930.

GENERAL CONDITIONS

Poorer than average conditions during the growing season affected both the yield and quality of wheat, oats and barley. This, combined with decreased acreages of 180,700 and 1,026,200 acres, respectively, sown to wheat and oats, resulted in a sharp reduction in the quantity produced. In the case of barley, while the acreage increased by 1,206,500 acres, this was not sufficient to produce a crop equal to that produced in 1946. Rye and Flaxseed, with substantial increased acreages, showed a marked increase in production.

	1946		1947	
	Acres	Production (Millions)	Acres	Production (Millions)
Wheat.....	24,076,100	413.7	23,895,400	340.8
Oats.....	12,074,700	371.1	11,048,500	282.7
Barley.....	6,258,500	148.9	7,465,000	141.5
Rye.....	715,000	8.8	1,156,400	13.2
Flaxseed.....	939,900	6.4	1,472,300	12.2

As at July 31, 1947 the total carry-over of wheat, oats, barley, rye and flaxseed in Canada amounted to 182,383,791 bushels as compared with 183,207,663 bushels the year before.

From the Lakehead lake shipments during the 1947 season of navigation amounted to a total of 256.4 millions of all grains, an increase of 16.2 millions over the 1946 season and at the end of December, 1947 there was in store 24.6 million bushels of grain at the Head of the Lakes as compared with 24.0 million bushels the previous year.

During the crop year ended July 31, 1947 ocean shipments from Pacific Ports totalled 62.2 million bushels, compared with 66.9 millions in the previous crop year but during the first five months of the current crop year shipments totalled only 8.44 millions compared with 21.4 millions in the same period in 1946. At the end of December, 1947 stocks in these elevators were 6,065,144 bushels.

Total shipments of 4,975,753 bushels of wheat from Churchill during August and September, 1947 constituted a seasonal record for this port. At December 31, 1947, 143,786 bushels of wheat remained in store.

THE CANADA GRAIN ACT

At the 1947 session of Parliament An Act to amend The Canada Grain Act assented to March 28, 1947, incorporated in the Act the provisions of four Orders-in-Council under The War Measures Act, as follows:—

1. Giving the subsequent owner of grain in a country elevator the right to load a railway car allotted on the application of the original owner;
2. Requiring managers of Eastern Elevators to keep all grain in store in such elevators fully insured against loss by fire or inherent explosion;
3. Extending the period of time between consecutive weigh-overs in Terminal and Eastern Elevators;
4. Providing statutory grades for Rapeseed, Sunflower Seed, Soybeans, Peas and Eastern Flaxseed.

REGULATIONS OF THE BOARD

In accordance with the provisions of Order-in-Council P.C. 5355, all regulations of the Board in effect at October 31, 1947 were rewritten and consolidated where necessary.

A list of the regulations now in effect is attached as an Appendix to this report.

OVERAGES—COUNTRY ELEVATORS

On examination of the statements submitted by licensees of country elevators of the handlings of grain at country elevators during the crop year ended July 31, 1946, the Board was concerned to note that at 473 elevators, out of a total of 5,470, the handlings had resulted in the accumulation of overages in excess of one-half of one percent. The Board's records showed that 38 of the 473 elevators showing overages in 1945-46 had poor records in this respect in previous years of which they had been advised and warned by the Board's Assistant Commissioners. The Board therefore decided to formally investigate each of these 38 cases.

Formal hearings were held in June last at Winnipeg and Brandon, Manitoba at Regina and Saskatoon, Saskatchewan and at Edmonton, Alberta, and 33 operators were examined under oath. The other five operators were not examined, one being sick, one having left the elevator service and the other three being about to retire on pension.

While a review of the evidence submitted at these formal hearings did not disclose any general practice on the part of elevator agents to deliberately disregard the provisions of The Canada Grain Act and the regulations thereunder with a view to accumulating overages, it did disclose however, that certain agents, to avoid the possibility of being short, had been inaccurate in the determination of weights and dockage, with possible loss to the producer.

The general opinion expressed by most of the agents who appeared before the Board and by men with years of practical experience was that if weighing is done accurately and the correct dockage taken, the shrinkage allowed by the Board should enable agents to come out even under average conditions.

At a number of elevators the failure of producers to take delivery of screenings from grain delivered to the elevators for cleaning and the taking into store of these screenings by the elevator agents without recording them as receipts resulted in the year's handlings showing overages.

The licensees concerned were advised by the Board of its findings and were instructed to warn the agents concerned that continued accumulation of excessive overages will lead to the Board refusing a licence to any elevator organization employing them as agents.

ELEVATOR CHARGES

At the annual public meetings held by the Board in June and July, 1947, to hear representations regarding the maximum tariffs of charges to be fixed by the Board for the crop year commencing August 1, 1947, submissions were made by all the grain-handling interests for further increases in the charges for handling and storing grain at the different classes of elevators. These applications were based on continued increased costs of operation.

After considering the various submissions, as well as further information submitted by the different interests at the request of the Board, the maximum tariffs of charges at the different classes of elevators for the crop year commencing August 1, 1947 were increased by the Board, with the approval of the Wartime Prices and Trade Board, as follows:—

COUNTRY ELEVATORS

Elevation Charges:

Wheat, Barley, Rye and Corn.....	from 1 $\frac{3}{4}$ c. to 1 $\frac{7}{8}$ c. per bushel
Oats.....	from 1 $\frac{1}{4}$ c. to 1 $\frac{3}{8}$ c. per bushel
Flax.....	from 3 c. to 3 $\frac{1}{2}$ c. per bushel

Storage Charges:

All Grain.....	from 1/45th of one cent to 1/30th of one cent per bushel per day
----------------	---

TERMINAL ELEVATORS

Elevation Charges:

Flax.....	from 2c. to 2 $\frac{1}{2}$ c. per bushel
Screenings.....	from 3c. to 3 $\frac{1}{2}$ c. per hundred pounds

All grain shipped from terminal elevators in railway cars to be subject to an additional elevation charge of one-quarter of one cent ($\frac{1}{4}$ c.) per bushel.

Storage Charges (including insurance against fire):

Free storage period reduced from fifteen days to ten days.

Preparing Cars for Loading:

From \$4.00 to \$6.00 per car when paper is used.

EASTERN ELEVATORS

UPPER ST. LAWRENCE GROUP—

Storage Charges (including insurance against fire):

Winter Storage Rate.....	from 1/40th of one cent to 1/30th of one cent per bushel
--------------------------	---

with a reduction in the general storage rate from 1/25th of one cent per bushel to 1/30th of one cent per bushel.

LOWER ST. LAWRENCE GROUP—

Elevation Charges:

Receiving from canal or lake vessels, including shovelling, elevating, weighing, storing and insurance against fire for the first ten days:

—from \$6.25 to \$7.00 per thousand bushels, single-deck vessels

to \$8.25 per thousand bushels, double-deck vessels

Receiving from ocean vessels, including shovelling, elevating, weighing, storing and insurance against fire for the first ten days:

—from \$7.50 to \$8.50 per thousand bushels

Receiving from railway cars, wagons or trucks, including elevating, weighing, storing and insurance against fire for the first ten days:

—from \$6.00 to \$7.00 per thousand bushels

Discharging to vessels, railway cars, wagons or trucks, including elevating and weighing:

—from \$4.00 to \$5.00 per thousand bushels

Storage Charges (including insurance against fire):

Maximum charge after first day of December:

—from 1½c. to 2¼c. per bushel

In August further submissions were made by the terminal interests for reconsideration by the Board of the requests made at the tariff meetings for increased elevation charges and which requests had not been approved by the Board. In view of continuing increased costs of operation the Board increased the maximum elevation charges at

TERMINAL ELEVATORS, effective October 1, 1947, as follows:

Wheat, Oats, Barley and Corn.....	from 1¾c. to 1½c. per bushel
Rye.....	from 1¾c. to 1¼c. per bushel
Flax.....	from 2½c. to 2¼c. per bushel

LAKE FREIGHT RATES

Before the opening of the 1947 season of navigation the Dominion Marine Association made application to the Board for a revision of the maximum rates for carrying wheat by lake and river navigation from Fort William or Port Arthur.

After discussions with the various interests concerned the Board, on March 29, 1947, issued its Order No. 13, rescinding the maximum rates in effect and authorizing increased rates as follows:—

To Georgian Bay Ports, Goderich, Sarnia and Walkerville.....	4 cents per bushel
To Port Colborne.....	5 cents per bushel
To Toronto.....	5½ cents per bushel
To Prescott and Kingston.....	6 cents per bushel
To Montreal, Sorel, Three Rivers and Quebec....	10 cents per bushel

Effective September 27, 1947, by its Order No. 14, the Board increased the maximum rate to Montreal, Sorel, Three Rivers and Quebec to ten and one-half cents (10½c.) per bushel on wheat transferred at Sarnia, Port Colborne, Humberstone, Kingston, Prescott or Toronto.

In accordance with the usual practice, on account of increased insurance costs after November 30, all rates were increased by two cents per bushel for grain loaded during the month of December.

AUDIT OF STOCKS—TERMINAL AND EASTERN ELEVATORS

In accordance with the provisions of Sections 138 and 138 (a) of The Canada Grain Act, the grain contained in every terminal and eastern elevator was weighed over by the Board during the crop year ended July 31, 1947.

At two semi-public terminal elevators at Fort William, it appeared that the handling of grain in such elevators had resulted in the transfer of grain from a lower to a higher non-mixing grade. The value of the excesses disclosed in the amounts of \$1,032.60 and \$169.76 were paid to the Board by the licensees.

The audits at two other semi-public terminal elevators at the Head of the Lakes disclosed that the licensees had failed to comply with the provisions of

Section 7 of the Board's Regulation No. 1, and sub-section (b) of Section 5 of the Board's Regulation No. 44, in failing to surrender for cancellation in due course warehouse receipts for dried grain, after drying tough grain by mixing with straight grade grain. The two licensees were ordered by the Board, under the provisions of Section 81 of The Canada Grain Act, to pay a penalty of \$50.00 each.

ASSISTANT COMMISSIONERS

During the year under review, while the number of complaints requiring investigation by the Assistant Commissioners totalled only thirty, the services of these officials were utilized extensively in the inspection of country elevators, with special attention being paid to the accumulation of excessive overages.

Mr. Murdock MacPherson MacKinnon was appointed Assistant Commissioner for Alberta effective August 22, 1947, vice William Hector Blatchford, deceased.

The services of Mr. Thomas J. Harrison, Assistant Commissioner for Manitoba were made available to the Food and Agriculture Organization of The United Nations from June 18, 1947 to October 11, 1947, during which time he served as crop husbandry and marketing expert on a mission to Poland.

CANADIAN GOVERNMENT ELEVATORS

While the facilities of the Canadian Government Elevators at Calgary and Edmonton have been in fair demand, very little grain has been available for storage at the Moose Jaw, Saskatoon or Lethbridge elevators. The Prince Rupert elevator has remained empty since November, 1945.

Total receipts at all elevators during the Crop Year 1946-47 amounted to only 4,046,732 bushels in addition to 62,595 bushels of Soybeans, 193,400 pounds of Rapeseed and 52,460 pounds of Sunflower Seed, compared with 4,927,415 bushels in the previous crop year.

At December 31, 1947 total stocks in store in all elevators were 2,683,652 bushels.

The decrease of \$499,054.73 in earnings in the fiscal year 1946-47, as compared with the previous fiscal year, which resulted in a deficit of \$117,966.20 on the year's operations, was occasioned to some extent by reduced handling, but the basic reason was the reduced storage earnings owing to heavy consumer demand, both domestic and foreign, which resulted in accelerated shipments.

The Port Arthur elevator continues under lease to McCabe Grain Company Limited. The dust-collecting installations at the Port Arthur and Edmonton elevators are nearing completion.

With the approval of the Department of National Defence a water-lot of about 849 acres, with a frontage of 200 feet, part of the Canadian Government Elevator property at Prince Rupert, British Columbia, was leased to Shell Oil Company of British Columbia, Limited for a period of ten years from June 1, 1947 at an annual rental of \$500.00.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the Crop Year 1947-48 were constituted by the Board in accordance with Section 25 of The Canada Grain Act, 1930.

The Western Committee was convened in Winnipeg on October 15, 1947 and the Eastern Committee at Toronto on November 18, 1947.

The Western Committee, in addition to establishing the usual commercial grades for Hard Red Spring Wheat, No. 2 C.W. and No. 3 C.W. Yellow Barley,

Recleaned Wheat, Recleaned Oats and Recleaned Barley, also established commercial grades for Soft White Spring Wheat and for cultivated tame Mustard Seed.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of \$2.30 were redeemed during the past year. Outstanding certificates still remain in the amount of \$7,772.23 as at December 31, 1947.

THE PRAIRIE FARM ASSISTANCE ACT, 1939

The Board has continued, under the Prairie Farm Assistance Act, 1939, to collect one percent of the purchase price of grain marketed in the three western provinces. During the crop year ended July 31, 1947, the sum of \$5,193,807.6 was collected, making total collections since the inception of this scheme on August 1, 1939 to July 31, 1947, of \$27,913,483.91.

PERSONNEL

Mr. James Cuddy, Chairman of the Winnipeg Grain Appeal Tribunal, retired from the service of the Board on September 15, 1947 on attaining the age of sixty-five years. Mr. Cuddy has a meritorious record of 45 years' continuous service as Grain Inspector, Assistant Chief Grain Inspector and Chairman of the Winnipeg Grain Appeal Tribunal. Mr. Arthur Miller, Grain Inspector, Winnipeg, was appointed by the Board to succeed Mr. Cuddy.

Mr. Hudson Edward James, Deputy Registrar of Warehouse Receipts, Vancouver, retired at 65 years of age on July 1, 1947 after 34 years' efficient service. Mr. John Stuart Wright of the Registration staff at Vancouver was promoted to the vacant position of Deputy Registrar.

Dr. Isydore Hlynka of the Department of Agriculture was appointed Assistant to the Chief Chemist, effective June 1, 1947.

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1946-47, exclusive of the Canadian Government Elevators, was \$1,950,553.07 compared with \$1,920,986.47 for the previous fiscal year. Revenue amounted to \$1,312,102.33 compared with \$2,037,462.55 for the previous fiscal year, a decrease of \$725,360.22.

Total expenditure for the first nine months of the current fiscal year is \$67,880.74 more than in the corresponding period in the previous fiscal year while the revenue for the same period is \$90,843.83 in excess of the total for the previous fiscal year.

Reports of the various departments of the Board are attached hereto as Appendices, for your information.

Respectfully submitted,

D. G. McKENZIE,
Chief Commissioner

D. A. MacGIBBON,
Commissioner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MANITOBA,
January 15, 1948.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing the different matters handled in the Executive Offices of the Board during the Year 1947:—

- (a) Complaints.
- (b) Prosecutions.
- (c) Defaults.
- (d) Cars out of turn.
- (e) Receipt of Wheat into Country Elevators from Railway Cars.
- (f) Report of Warehouseman.
- (g) Licences issued.
- (h) Grain-loading Platforms.
- (i) Prairie Farm Assistance Act—One Per cent Levy.
- (j) Statistics.
- (k) Annual Weighover—Terminal Elevators.

Yours truly,

J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1947, the Board investigated thirty (30) complaints, including four outstanding as at December 31, 1946, regarding the handling of grain at country elevators, shipments to terminal elevators and the operations of licensees under The Canada Grain Act as follows:

Manitoba.....	8	
Saskatchewan.....	10	
Alberta.....	8	
Outstanding at December 31, 1946.....	4	
		— 30

These were disposed of as follows:

Complaint withdrawn.....	2	
No grounds for complaint.....	16	
Settlement effected.....	9	
Outside jurisdiction of Board.....	1	
Not yet disposed of.....	2	
		— 30

MISCELLANEOUS COMPLAINTS

Six (6) complaints were received by the Board in respect to the handling of grain at terminal elevators and all-rail shipments to Eastern Canada. These were disposed of as follows:

No grounds for complaint.....	1	
Settlement effected.....	5	6
		—

EXPORT SHIPMENTS

Ten (10) complaints in respect to overseas shipments were received during the year ending December 31, 1947. These, together with seven (7) complaints outstanding at December 31, 1946, were disposed of as follows:

No grounds for complaint.....	7	
Not yet disposed of.....	10	17
		—

(b) PROSECUTIONS

During the year under review no prosecutions were instituted by the Board for breaches of the provisions of The Canada Grain Act.

(c) DEFAULTS

There were no defaults by licensees during the year 1947.

(d) CARS OUT OF TURN

During the year 1947, 127 out-of-turn cars were ordered by the Board under the provisions of Section 68 (2) of The Canada Grain Act, as follows:

Grain out of condition.....	95	
Elevators in danger of collapse.....	32	127
		—

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Under the provisions of Section 107 (a) of The Canada Grain Act, the Board authorized the receipt of wheat from railway cars into country elevators in a total of 1,112 cars.

(f) REPORT OF LICENCE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following summary of Licensing and Bonding for the crop year 1946-47.

During the season which commenced on August 1, 1946, and ended on July 31, 1947, one hundred and fifty-five (155) firms and individuals applied for licences as required by the provisions of the Canada Grain Act.

Five thousand, six hundred and ninety-one (5,691) applications for licences to operate were received and five thousand, six hundred and eighteen (5,618) licences were issued. Sixty-seven (67) licences were transferred and six (6) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	27		27	
Commission Merchants.....	36	1	35	
Grain Dealers.....	15		15	
Public Terminal Elevators.....	6		6	
Semi-Public Terminal Elevators.....	34		34	
Private Terminal Elevators.....	7		7	
Eastern Elevators.....	29		29	
Mill Elevators.....	44	1	43	
Private Country Elevators.....	10		10	
Public Country Elevators.....	5,415	3	5,412	
Transfers.....	68	1		67
	5,691	6	5,618	67

Order-in-Council P.C. 4215, which authorized the issuance of supplementary licence for the storage of wheat in "Special Annexes," was revoked effective August 1, 1946, therefore no authorizations for the operation of special annexes were granted for the crop year of 1946-47.

At December 1, 1946, there were 5,730 buildings classed as Elevators under the provisions of The Canada Grain Act, 5,700 in the Western Division and 30 in the Eastern Division; of these, 5,522 were in operation under licence at that date. Details of these buildings and their storage capacities, together with several summarizing statements and other relative information, may be found in the publication entitled "List of Grain Elevators in the Western and Eastern Divisions."

The total licensed storage capacity as at July 31, 1947, was 494,200,720 bushels; elevators proper and permanent annexes comprising 418,126,620 bushels and temporary annexes 76,074,100 bushels.

The following licences, which were granted at the commencement of the season to the underlisted firms, were cancelled by order of the Board on the dates and for the reason stated hereunder:

<i>Semi-Public Terminal Elevator</i> <i>Licence No. S-P 145</i>	Alberta Wheat Pool of Calgary, Alberta; Number 2 elevator at Vancouver, British Columbia; cancelled October 17, 1946; Lease terminated.
<i>Private Terminal Elevator</i> <i>Licence No. Pte. T. 103</i>	Red River Grain Company Limited of Winnipeg, Manitoba; elevator at St. Boniface, Manitoba; cancelled December 8, 1946; elevator destroyed by fire.
<i>Private Country Elevator</i> <i>Licence No. P. 47</i>	United Grain Growers Limited of Winnipeg, Manitoba; elevator at Virden, Manitoba; cancelled February 5, 1947; Lease terminated.
<i>Public Country Elevator</i> <i>Licence No. 4</i>	Red River Grain Company Limited of Winnipeg, Manitoba; elevator at St. Boniface, Manitoba; cancelled December 8, 1946; elevator destroyed by fire.
<i>Public Country Elevator</i> <i>Licence No. 15</i>	Canada West Grain Company Limited of Winnipeg, Manitoba; elevator at Rosthern, Saskatchewan; cancelled March 1, 1947; elevator sold and operated by new owner as a Mill elevator.

<i>Public Country Elevator Licence No. 83</i>	National Grain Company Limited of Winnipeg Manitoba; elevator "B" at Oakshella, Saskat- chewan; cancelled June 6, 1947; elevator dis- mantled.
<i>Public Country Elevator Licence No. 99</i>	National Grain Company Limited of Winnipeg Manitoba; elevator "B" at Young, Saskat- chewan; cancelled as from date of issue; elevator not operated.
<i>Public Country Elevator Licence No. 206</i>	National Grain Company Limited of Winnipeg Manitoba; elevator at Dana, Saskatchewan; cancelled as from date of issue; elevator not operated.
<i>Public Country Elevator Licence No. 226</i>	National Grain Company Limited of Winnipeg Manitoba; elevator "B" at Fielding, Saskat- chewan; cancelled as from date of issue; elevator not operated.
<i>Public Country Elevator Licence No. 239</i>	National Grain Company Limited of Winnipeg Manitoba; elevator "B" at Hanley, Saskat- chewan; cancelled June 20, 1947; elevator torn down.
<i>Public Country Elevator Licence No. 334</i>	National Grain Company Limited of Winnipeg Manitoba; elevator "B" at Wakaw, Saskat- chewan; cancelled March 3, 1947; elevator torn down.
<i>Public Country Elevator Licence No. 605</i>	Western Grain Company Limited of Winnipeg Manitoba; elevator at Dunelm, Saskatchewan; cancelled May 6, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 611</i>	Western Grain Company Limited of Winnipeg Manitoba; elevator at Fosterton, Saskatchewan; cancelled May 6, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 637</i>	Western Grain Company Limited of Winnipeg Manitoba; elevator at St. Aldwyn, Saskat- chewan; cancelled May 6, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 653</i>	Western Grain Company Limited of Winnipeg Manitoba; elevator "B" at Baliol, Saskat- chewan; cancelled January 31, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 655</i>	Western Grain Company Limited of Winnipeg Manitoba; elevator at Bridgeford, Saskatchewan; cancelled May 6, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 670</i>	Western Grain Company Limited of Winnipeg Manitoba; elevator at Major, Saskatchewan; cancelled May 7, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 724</i>	Western Grain Company Limited of Winnipeg Manitoba; elevator at Scottsburg, Saskatchewan; cancelled May 6, 1947; elevator sold but not operated by new owner.

<i>Public Country Elevator Licence No. 726</i>	Western Grain Company Limited of Winnipeg, Manitoba; elevator at Arma, Saskatchewan; cancelled April 30, 1947; elevator torn down.
<i>Public Country Elevator Licence No. 765</i>	Western Grain Company Limited of Winnipeg, Manitoba; elevator at Spruce Lake, Saskatchewan; cancelled March 6, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 1629</i>	The Alberta Pacific Grain Company (1943) Ltd.; elevator at Owlseye, Alberta; cancelled June 5, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 1723</i>	National Grain Company Limited of Winnipeg, Manitoba; elevator "B" at Kandahar, Saskatchewan; cancelled June 6, 1947; elevator dismantled.
<i>Public Country Elevator Licence No. 2195</i>	Reliance Grain Company Limited of Winnipeg, Manitoba; elevator No. 2 at Bethune, Saskatchewan; cancelled March 22, 1947; elevator torn down.
<i>Public Country Elevator Licence No. 2204</i>	Reliance Grain Company Limited of Winnipeg, Manitoba; elevator at Coppen, Saskatchewan; cancelled April 1, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 2253</i>	Reliance Grain Company Limited of Winnipeg, Manitoba; elevator at Spruce Lake, Saskatchewan; cancelled March 21, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 2857</i>	United Grain Growers Limited of Winnipeg, Manitoba; elevator at Wessex, Alberta; cancelled October 20, 1946; elevator destroyed by fire.
<i>Public Country Elevator Licence No. 3511</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Superb, Saskatchewan; cancelled May 8, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 3685</i>	National Grain Company Limited of Winnipeg, Manitoba; elevator "C" at Wakaw, Saskatchewan; cancelled March 3, 1947; elevator torn down.
<i>Public Country Elevator Licence No. 3746</i>	Alberta Wheat Pool of Calgary, Alberta; elevator No. 1 at Buffalo, Alberta; cancelled April 3, 1947; elevator torn down.
<i>Public Country Elevator Licence No. 4232</i>	United Grain Growers Limited of Winnipeg, Manitoba; elevator at Leahurst, Alberta; cancelled May 17, 1947; elevator sold but not operated by new owner.
<i>Public Country Elevator Licence No. 5161</i>	Saskatchewan Pool Elevators Limited of Regina, Saskatchewan; elevator at Prince Albert, Saskatchewan; cancelled April 14, 1947; elevator torn down.

Public Country Elevator
Licence No. 5235

Saskatchewan Pool Elevators Limited of Regina Saskatchewan; elevator "B" at Swanson, Saskatchewan; cancelled as from date of issue; elevator not operated.

Public Country Elevator
Licence No. 5340

Reliance Grain Company Limited of Winnipeg Manitoba; elevator at Monitor, Alberta; cancelled March 22, 1947; elevator torn down.

Public Country Elevator
Licence No. 5394

United Grain Growers Limited of Winnipeg Manitoba; elevator at Bankend, Saskatchewan cancelled May 21, 1947; elevator torn down.

Licence fees collected amounted to \$29,703.00 of this amount \$41.00 was refunded to applicants on account of applications for licences having been withdrawn.

Guarantee bonds in the amount of \$18,597,379.00 executed by eighteen (18) of the approved surety companies were deposited with the Board as security under Section 79 of The Canada Grain Act to cover the operations of the licensees in addition, six (6) licensees deposited negotiable Government bonds with a par value of \$26,500.00 in lieu of furnishing the usual forms of surety bonds.

No changes occurred in the permanent staff of this Branch during the season of 1946-47. It was, however, necessary, as it has been since 1939, to employ temporary clerical assistance for a longer period than customary, owing to the fact that the routine work of maintaining the records in connection with the collection of the One Percentum Levy under The Prairie Farm Assistance Act necessitates the full-time services of one of the permanent employees of this Branch, whose regular duties have been performed by temporary employees.

Yours respectfully,

C. F. SPITTLE,

Licensing Officer.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-06; 1911-12; 1917-18; and 1930-31 to 1946-47

Kind	1946- 1947	1945- 1946	1944- 1945	1943- 1944	1942- 1943	1941- 1942	1940- 1941	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,412	5,470	5,524	5,540	5,579	5,605	5,614	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,661	5,145	5,500	3,577	1,972	1,099
Private Country Elevators.....	10	7	6	6	6	6	6	6	7	13	11	12	13	14	9	12	385			
Public Terminal Elevators.....	6	6	6	6	6	6	6	6	5	3	6	6	7	7	9	10	8	17		
Semi-Public Terminal Elevators...	34	37	37	38	39	39	39	38	34	30	33	38	39	38	39	32	35		*34	*10
Private Terminal Elevators.....	7	8	8	8	8	9	10	13	38	40	39	36	37	37	38	37	40	120		
Eastern Elevators.....	29	30	30	31	30	30	31	30	29	29	29	31	31	30	29	28	29	118		
Mill Elevators.....	43	39	39	38	35	34	38	38	15	17	15	19	19	21	22	26	25			
Elevator Space.....																				
Track Buyers.....	27	27	29	31	31	31	33	36	38	40	40	41	46	51	64	57	48	7	58	
Commission Merchants.....	35	36	36	39	38	38	39	43	47	47	48	51	56	61	63	64	57	156	123	
Grain Dealers.....	15	11	14	15	17	18	21	24	23	19	17	24	25	20	15	75	3	126	84	
Total Number Issued.....	5,618	5,671	5,729	5,752	5,789	5,816	5,837	5,856	5,654	4,879	5,472	5,786	5,575	5,783	5,949	5,486	6,130	3,921	2,271	1,109

† Licensed as Private Elevators.

‡ Licensed as Public Elevators.

* Licensed as Terminal Elevators.

(h) GRAIN LOADING PLATFORMS

During the year 1947, no applications for the building of grain-loading platforms or the enlargement of existing ones were made to the Board.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	606	1,500
Saskatchewan.....	1,275	2,700
Alberta.....	724	1,400
British Columbia.....	45	0
Ontario.....	18	0
Total as at December 1, 1947.....	2,668	5,600

(i) THE PRAIRIE FARM ASSISTANCE ACT, 1939

ONE PERCENTUM LEVY

Amounts Collected on Grain Purchased During Period August 1, 1946, to July 31, 1947

PROVINCE	WHEAT		OATS		BARLEY		RYE		TOTAL LEVY
	Bushels	Levy	Bushels	Levy	Bushels	Levy	Bushels	Levy	
		\$		\$		\$		\$	\$
Manitoba.....	47,129,572	610,095.41	16,577,852	75,276.38	25,279,295	154,598.12	259,153	5,661.95	845,631.86
Saskatchewan.....	178,680,729	2,283,710.41	47,623,414	211,752.33	24,018,439	140,352.11	3,082,142	67,542.32	2,703,357.01
Alberta.....	108,134,272	1,334,513.10	34,991,935	155,821.53	17,759,641	103,057.83	2,322,748	51,312.75	1,644,705.11
	333,944,573	4,228,318.92	99,193,201	442,850.24	67,057,375	398,008.06	5,664,043	124,517.02	5,193,694.94
Alberta Mixed Grain 133 Bushels.....									1.11
Adjustments not allocated.....									112.30
Collections—August 1, 1946 to July 31, 1947.....									5,193,807.35
Collections—August 1, 1939 to July 31, 1946.....									22,719,676.80
Total Collections.....									27,913,483.16

(j) STATISTICS

308 GRAIN EXCHANGE BLDG.,
FORT WILLIAM, ONT.,
January 26, 1948.

Mr. J. RAYNER, Secretary,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I beg to submit the following report for the Statistics Branch of the Board for the Crop Year 1946-47.

Wheat production for the 1947, 1946 and 1945 Crop Years for all of Canada have been estimated by the Dominion Bureau of Statistics as follows: 340.8, 413.7 and 318.5 million bushels, and for the Prairie Provinces during the same Crop Years, 319.0, 393.0 and 294.6 million bushels.

Prairie Wheat acreage over these three years ranged from a low of 22.56 million acres in 1945 to 23.35 millions during 1946. Yields during these years were lowest in 1945, estimated at 13.1 bushels per acre. The 1946 crop returned at 16.8 bushels per acre, and 1947 Wheat yields fell to 13.9 bushels.

At the close of the 1946-47 Crop Season on July 31, the total carry-over of Canadian Wheat was placed at 84.5 million bushels, slightly above the carry-over estimate for the previous year of 73.6 millions. Some improvement in the distribution of this grain with respect to storage location was reported in 1947, however, with less grain carried on farms, and although country elevator stocks were higher, terminal supply conditions had also improved.

From a total available Canadian Wheat supply at the 1946-47 Crop Year of 487.3 million bushels, exports of Wheat and Wheat-flour were made in amount of 242.8 million bushels, while domestic disappearance reduced Wheat stocks by a further 160.0 million bushels.

Detailed statistical summaries of Production, Distribution and Carry-over are shown in the Appendix of this report.

Farm Deliveries—

Western Primary Farm Wheat marketings during the Crop Year 1946-47 were reported at 334.6 million bushels and represented an increase of 41% over deliveries for the previous season. These deliveries were 52.1 million bushels above the annual average for the five preceding years, and represented a substantially higher percentage of the harvested crop as indicated in the following summary:

WESTERN FARM WHEAT DELIVERIES SEASON 1946-47

—	Manitoba	Saskatchewan	Alberta and British Columbia	Total Deliveries		
				1946-47	1945-46	5 Year Average 1941-42 1945-46
<i>Delivered to</i>	bus.	bus.	bus.	bus.	bus.	bus.
Country Elevators.....	46,344,838 ¹	177,209,070 ¹	107,396,720 ¹	330,950,628 ¹	235,241,877	278,527,513
Interior Private and Mill Elevators.....	444,572	1,253,115	1,291,976	2,989,663	1,576,024	3,149,065
Interior Terminal Elevators (Street Receipts).....	.....	.....	9,068	9,068	2,428	5,866
Loaded over Platforms.....	447,599	45,064	164,851	657,514	479,277	811,111
From Farms Direct to U.S.A. by Truck ²	11,498	.....	.....	11,498	.....	.....
Total.....	47,248,507	178,507,249	108,862,615	334,618,371	237,299,606	282,493,555
Production.....	58,000,000	208,000,000	130,089,000	396,089,000	297,144,000	358,185,000
Percentage of Production...	81.5%	85.8%	83.7%	84.5%	79.9%	78.9%

¹ Preliminary Returns.

² Dominion Bureau of Statistics—Customs Clearance.

LAKE TRANSPORTATION

The arrival at the Lakehead of the SS. *Mohawk Deer* on April 19, 1947, followed very closely by the SS. *Capt. C. D. Secord*, marked the opening of the season of navigation on the Great Lakes. Last year the first vessel had worked its way up from the Georgian Bay to the Twin City ports by April 7, while March 27 is the earliest recorded date for the spring arrival of a vessel into these harbors.

Loading of the final grain cargo for the season was completed on December 3, 1947, with the clearance of the SS. *Donnacona*.

While lake shipments for all grains during the current navigation year totalling 256,292,254 bushels, exceeded the movement of the previous season by a narrow margin, total shipments this year were more than 90 million below the average for the five preceding years, and represented only 53% of the record traffic in 1945. Lake wheat shipments from Fort William-Port Arthur Terminal amounted to 167,333,848 bushels for the 1947 season. Though slightly higher than the movement of the past year, the average lake wheat shipments for the period from 1942 to 1946, inclusive, totalled 244.1 millions, and during the record year in 1945 cargo vessels carried 344.4 million bushels of wheat from the lakehead.

FREIGHT RATES

Lake freight rates for grain from the lakehead to Canadian ports open ½ cent to 2 cents per bushel higher over the Bay Ports-Lower St. Lawrence range and remained firm until rising insurance charges in December, as the close navigation approached, brought corresponding advances.

A summary of weighted monthly average lake freight rates for wheat to Canadian ports, compiled from data obtained from vessel charter confirmations, is shown below.

WEIGHTED MONTHLY AVERAGE OF LAKE FREIGHT RATES FOR WHEAT CARGOES 1947 SEASON OF NAVIGATION

Fort William-Port Arthur to	Georgian Bay Ports	Port Colborne	Toronto	Kingston	Prescott	St. Lawrence Ports Direct
	c. per bus.	c. per bus.	c. per bus.	c. per bus.	c. per bus.	c. per bus.
April.....	4.0	5.0	5.5	.....	.....	10.0
May.....	4.0	5.0	5.5	.....	.....	10.0
June.....	4.0	5.0	5.5	.....	.....	10.0
July.....	4.0	5.0	5.5	.....	.....	10.0
August.....	4.0	5.0	.....	.....	6.0	10.0
September.....	3.99	5.0	5.5	.....	.....	10.0
October.....	3.99	5.0	5.5	.....	.....	10.0
November.....	4.02	5.0	.....	6.0	6.0	10.0
December.....	5.89	7.02	.....	.....	.....	10.0
<i>Season Averages—</i>						
1947.....	4.05	5.14	5.5	6.0	6.0	10.0
1946.....	3.57	4.05	5.0	5.08	5.0	8.0

Only two cargoes of wheat moved by lake to Buffalo during the season at 6 cents (U.S. per bushel). The remainder of the traffic to both Buffalo and Erie carried the higher 6½ cents (U.S.) rate.

Freight charges of 4½ cents (Can.) per bushel were assessed on one cargo of rye which cleared for Duluth in April. A further cargo of rye was moved from the lakehead to New York by water in November at a 13 cents (U.S.) rate.

INLAND WATER FREIGHT RATES ACT

In accordance with the requirements of the Inland Water Freight Rates Act, 1923, as amended, copies of charter confirmations for all lake grain cargo clearing Fort William-Port Arthur during the season of navigation were filed by shippers with this office.

From these charter confirmations, monthly statements of weighted average rates charged for each kind of grain by port of destination have been prepared for the Minister, the Board, and others interested in this data.

EXPORT CLEARANCES

Exports of Canadian wheat and wheat-flour, in terms of wheat equivalent, for the crop year 1946-47 were recorded at 242,858,280 bushels, representing a decline of approximately 100,000,000 bushels from 1945-46 export levels, and a substantial falling off from average returns for the five-year period from 1942-43 to 1946-47 amounting to 296,873,554 bushels.

Shipments of Canadian wheat to the United States for consumption and milling in bond are included in these figures, and show a more than proportionate decline from 12.3 million bushels exported in 1945-46 to the very small movement of 1.67 millions for the 1946-47 season.

During 1946-47, Canadian wheat-flour exports climbed sharply to a new high point in the history of the trade of 79,470,491 bushels in terms of wheat, showing a remarkable gain over the previous record of 62,657,244 bushels established in 1944-45.

Over one-half of all Canadian overseas shipments of wheat were cleared from the Canadian Atlantic seaboard during the 1946-47 crop year, with the movement shared between Canadian Pacific, Canadian and United States Atlantic ports in the ratio of 35 : 58 : 7.

PORT CHURCHILL

A new seasonal record was established for the volume of ocean shipments from the Port of Churchill during the 1947 season. Fifteen vessels cleared the harbour during the months of August and September, 1947, with grain cargoes totalling 4,975,753 bushels, compared to shipments of last year amounting to 2,928,875 bushels, and the previous high point of 4,293,501 bushels shipped overseas during the 1936 season.

Rail receipts at the port, beginning in the month of July and continuing through August and September, amounting to 5,043,774 bushels for all grain, were also markedly heavier.

Grain storage at July 31, totalling 2,116,692 bushels of wheat and 1,400 bushels of oats were reported; 109,983 bushels of wheat and 407 bushels of oats were in store for the winter carry-over at the close of the 1947 calendar year on December 31.

INSURANCE

All insurance policies filed by Public Country and Semi-Public elevators in accordance with Section 102 of the Canada Grain Act, and also policies received from licensed eastern elevators, under provisions of Order-in-Council P.C. 2393, dated April 7, 1941, have been carefully scrutinized and weekly reports of terminal stock values verified to ensure full insurance coverage on stored grain.

ANNUAL WEIGH-UP

Weigh-over statements required in connection with annual stock audits of grain stored in terminal elevators, undertaken by the Board's inspection and weighing departments under provisions of Sections 138 and 138A of the Canada Grain Act, have been prepared and duly submitted to the Board.

GENERAL

Nineteen hundred and forty-seven has been a year of many staff changes. While a number of our older, more experienced staff members have retired, an orderly replacement of personnel has been made for the most part, though junior clerical assistance has been obtained with difficulty.

Our staff has been strengthened by the addition of a statistician, and the very considerable number of staff promotions during the year has made for the more effective operation of this branch.

The necessary reorganization required for the adapting of a major part of our statistical summary procedure to machine operation was undertaken during the year.

Although not initiated by this branch, a constructive joint meeting between representatives of the Canadian Wheat Board, the Dominion Bureau of Statistics and our own organization was held at Fort William during the fall in an effort to better correlate Canadian grain statistical returns published by our respective branches.

Respectfully submitted,

A. T. CALDER,
Chief Statistician.

CARRY-OVER OF CANADIAN WHEAT—JULY 31, IN BUSHELS

	1945	*1946	†1947
	bus.	bus.	bus.
On Farms—Estimated.....	28,650,000	27,203,000	25,988,000
In Country, Private Terminal and Mill Elevators.....	68,185,804	18,319,829	20,891,200
In Public and Semi-Public Terminal Elevators.....	78,973,042	6,586,058	10,072,400
In Store and Afloat Eastern Elevators.....	35,230,163	11,525,957	16,886,700
In Eastern Flour Mills.....	3,069,736	3,394,062	2,826,200
In Transit Rail.....	24,371,296	6,437,303	7,720,900
In Store and in Transit in the United States.....	19,592,789	134,000	87,000
Total.....	258,072,830	73,600,209	84,472,500

Crops of 1946 and Disposition	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Carry-over, July 31, 1946.....	73,600,209	77,491,528	29,937,099	768,149	1,649,200
Production—All Canada.....	413,725,000	371,069,000	148,887,000	8,811,000	6,402,700
Total Available Supply.....	487,325,209	448,560,528	178,824,099	9,579,149	8,051,900
Carry-over, July 31, 1947.....	84,472,580	67,996,649	28,636,494	702,034	777,000
Total Disposed of.....	402,852,629	380,563,879	150,187,605	8,877,115	7,274,900

EXPORTS

1946-47.....	163,387,789	21,792,569	6,903,036	5,268,968	61,440
Wheatflour, Oatmeal, etc.. equivalent to.....	79,470,491	7,966,202	.....	.....	.....
Total.....	242,858,280	29,758,771	6,903,036	5,268,968	61,440
1945-46 (Revised).....	278,069,955	37,511,258	4,416,254	2,967,803	345,670
Wheatflour, Oatmeal, etc.. equivalent to.....	62,037,797	6,349,464	.....	.....	.....
Total.....	340,107,752	43,860,722	4,416,254	2,967,803	345,670

* Revised.

† Subject to revision.

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1946, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS,
CROP YEAR 1946-47 (ENDED JULY 31)

(a) PRODUCTION

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Manitoba.....	58,000,000	50,000,000	43,000,000	346,000	2,979,000
Saskatchewan.....	208,000,000	100,000,000	43,000,000	4,005,000	2,594,000
Alberta and British Columbia.....	130,089,000	101,447,000	48,542,000	2,956,000	660,700
Total.....	396,089,000	251,447,000	134,542,000	7,307,000	6,233,700

(b) PRIMARY MARKETINGS* AT COUNTRY ELEVATORS

Manitoba.....	46,344,838	16,331,492	24,887,571	254,588	2,149,345
Saskatchewan.....	177,209,070	47,572,981	24,077,851	2,996,087	2,061,374
Alberta.....	107,396,720	34,861,847	17,825,844	2,289,650	453,093
Total.....	330,950,628	98,766,320	66,791,266	5,540,325	4,663,812

LOADED OVER PLATFORMS

Manitoba.....	447,599	69,615	327,460	3,064	6,973
Saskatchewan.....	45,064	24,903	14,626	810	4,246
Alberta.....	164,851	356,349	42,175	9,391	.....
Total.....	657,514	450,867	384,261	13,265	11,219

DELIVERIES TO INTERIOR TERMINAL ELEVATORS—PUBLIC AND SEMI-PUBLIC

Manitoba.....	.....	16,938	19,112	.....	.....
Saskatchewan.....	.....	.....	.....	.....	10
Alberta.....	9,068	73,584	14,701	.....	912
Total.....	9,068	90,522	33,813	.....	922

AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	444,572	87,887	120,525	.....	108,810
Saskatchewan.....	1,253,115	105,770	109,511	9,128	4,085
Alberta.....	1,291,976	354,696	113,309	14,631	7,136
Total.....	2,989,663	548,353	343,345	23,759	120,031

† TRUCKED FROM FARMS INTO U.S.A.

Manitoba.....	11,498	105	240	.....	10,862
Saskatchewan.....	.....	200	4	.....	1,004
Alberta.....	.....	.....	.....	.....	.....
Total.....	11,498	305	244	.....	11,866

(a) PRODUCTION—Official Estimate—Dominion Bureau of Statistics.

(b) PRIMARY MARKETINGS—Points in Ontario west of Fort William are included in Manitoba figures; entry points in the Peace River Valley situated in British Columbia are included in Alberta figures.

* Preliminary returns. † Customs returns—Dominion Bureau of Statistics.

**SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1946, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS
CROP YEAR 1946-47 (ENDED JULY 31)—Continued**

TOTAL MARKETED

—	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Manitoba.....	47,248,507	16,506,037	25,354,908	257,652	2,275
Saskatchewan.....	178,507,249	47,703,854	24,201,992	3,006,025	2,070
Alberta.....	108,862,615	35,646,476	17,996,029	2,313,672	461
Total.....	334,618,371	99,856,367	67,552,929	5,577,349	4,807

(c) GRAIN INSPECTED

—	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Manitoba.....	43,254,590	15,791,095	22,428,180	280,610	1,583
Saskatchewan.....	173,297,530	45,474,945	21,020,850	3,012,685	2,432
Alberta and British Columbia	95,133,870	29,200,350	12,118,830	2,111,465	355
Total.....	311,685,990	90,466,390	55,567,860	5,494,760	4,371

(c) INSPECTIONS—These are compiled according to provinces in which grain was grown.

TOTAL PRIMARY GRAIN HANDLINGS AT EASTER ELEVATORS 1946-47

CANADIAN GRAIN

—	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Receipts.....	168,969,443	49,454,336	21,857,028	3,366,576	1,209
Shipments.....	164,389,965	54,536,379	23,548,241	3,301,709	1,624

—	Canadian Corn	Canadian Buckwheat	Canadian Beans	Canadian Peas	Mixed Grain
	bus.	bus.	bus.	bus.	lbs.
Receipts.....	1,899,158	27,177	394,712	31,322	13,147
Shipments.....	1,238,664	34,840	350,225	28,822	12,702

UNITED STATES GRAIN

—	Wheat	Rye	Corn	Beans	Rice
	bus.	bus.	bus.	bus.	bus.
Receipts.....	402,996	1,809	4,067,132	149,845	87,6
Shipments.....	402,996	1,809	4,028,598	149,845	87,6

FOREIGN GRAIN (OTHER THAN U.S.A.)

—	Argentine Corn	—	Argentine Corn
	bus.		bus.
Receipts.....	1,987,795	Shipments.....	1,988,200

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION

(AMOUNTS MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTIVE CHANNELS) 1946-47

	U.S.A. Wheat	U.S.A. Rye	U.S.A. Corn	U.S.A. Beans	U.S.A. Rice	Argentine Corn
	bus.	bus.	bus.	bus.	bus.	bus.
Eastern Elevators.....	20,300	1,809	3,382,639	149,845	87,607	1,988,262
Fort William—Port Arthur.....						
Interior Private Terminals.....			3,327	55,650		
Pacific Coast Terminals.....			290,236			86,016

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS,
CROP YEAR 1946-47

	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Fort William—Port Arthur—					
Receipts.....	188,390,308	60,588,819	37,278,684	5,462,379	3,496,465
Shipments.....	186,164,613	64,411,403	37,461,575	5,405,170	3,647,712
Vancouver—New Westminster—					
Receipts.....	60,767,227	7,374,891	1,475,027	44,589	1,749
Shipments.....	59,835,243	9,067,308	1,453,389	44,498	1,707
Victoria, B.C.—					
Receipts.....					
Shipments.....					
Prince Rupert, B.C.—					
Receipts.....					
Shipments.....					
Churchill, Man.—					
Receipts.....	3,167,917	2,379			
Shipments.....	2,928,936	18,982			
Semi-Public Terminals at—					
North Transcona, Man.—					
Receipts.....	359,408	382,702	904,072	1,659	1,594
Shipments.....	315,848	397,183	868,343	1,659	1,594
Kenora, Ont.—					
Receipts.....					
Shipments.....					

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS

	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Receipts—					
Calgary.....	640,261	162,408	1,349,294	1,622	912
Edmonton.....	696,959	559,943	88,964		
Lethbridge.....	1,537				
Moose Jaw.....	19,547	14,924	3,738	5,656	479
Saskatoon.....	34,397	178,272	45,282		213,883
Total.....	1,392,701	915,547	1,487,278	7,278	215,274
Shipments—					
Calgary.....	645,033	350,101	1,870,290	1,622	1,536
Edmonton.....	694,243	745,060	382,151		1,155
Lethbridge.....	2,012				
Moose Jaw.....	19,547	121,255	51,920	5,656	46,212
Saskatoon.....	24,096	306,620	74,635		213,448
Total.....	1,384,931	1,523,036	2,378,996	7,278	262,351

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR

(INCLUDING DUTY, PAID IMPORTS)

	Wheat	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Receipts.....			3,663,803	257,756	
Shipments.....			3,768,343	257,756	

ANALYSIS OF CANADIAN WHEAT EXPORTS, BY MONTHS AND SEABOARD AREA—CROP YEAR 1946-47¹

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports ²		Milling in Bond	Total All Wheat	Wheat Flour ³	Total Wheat and Wheat Flour	
					For Human Con- sumption duty-paid	Unfit for Human Con- sumption					
1946	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	
	August.....	1,445,126	2,873,518	1,648,000	14,500	18,637	208,794	6,208,575	8,896,536	15,105,111	
	September.....	1,739,249	7,107,886	1,280,875	3,337	1,065	240,269	10,372,681	5,562,562	15,935,243	
	October.....	3,731,143	8,124,657	.....	625,749	103,962	331,590	12,918,389	4,435,767	17,354,156
	November.....	4,698,535	11,498,111	.....	4,296,985	.....	440,745	20,934,376	6,156,270	27,090,646
	December.....	7,339,600	2,759,649	.....	945,430	660	122,875	11,168,214	3,247,848	14,416,062
1947	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	January.....	7,618,701	4,752,522	.....	1,961,153	19,241	58,146	14,409,763	6,208,542	20,618,305
	February.....	4,400,066	3,446,658	.....	2,592,546	2,538	67,100	10,514,179	5,537,858	16,052,037
	March.....	4,579,354	2,772,377	.....	769,222	9,659	1,833	8,151,970	6,102,090	14,254,060
	April.....	4,799,401	4,788,188	.....	698,457	3,937	.....	10,289,983	5,014,697	15,304,680
	May.....	6,232,793	11,604,605	.....	21,373	493	.....	17,859,264	10,385,154	28,244,418
	June.....	5,889,629	16,294,328	.....	7,841	.....	5,200	22,196,998	10,537,222	32,734,220
	July.....	3,562,608	14,781,601	.....	9,761	1,150	7,777	18,363,397	7,385,945	25,749,342
	Total Crop Year 1946-47.....	56,036,205	90,804,100	2,928,875	11,946,354	141,640	28,594	1,502,021	163,387,789	79,470,491	242,858,280
	Total Crop Year 1945-46.....	65,934,100	132,035,734	67,764,992	413,436	718,702	11,202,991	278,069,955	62,037,797	340,107,752
5-year average 1942-43 to 1946-47.....	26,880,532	104,242,719	585,775	54,790,659	34,783,866	3,389,025	7,932,244	232,604,820	64,268,734	296,873,554	

¹ Monthly grand totals include exports of Canadian Wheat Flour.² Source—United States Department of Commerce, Bureau of the Census.³ Canadian Customs Returns, Dominion Bureau of Statistics.

ANALYSIS OF CANADIAN GRAIN OVERSEAS EXPORTS, BY GRADE AND SEABOARD AREA, CROP YEAR 1946-47

Grade	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence— Atlantic Seaboard Ports	Via U.S.A. Atlantic Seaboard Ports	Total
	bus.	bus.	bus.	bus.
<i>Wheat</i> (all Varieties)—				
1 Manitoba Hard.....				
1 Manitoba Northern.....	7,081,198	25,833,685	2,133,530	35,048,413
2 Manitoba Northern.....	17,347,911	45,388,293	7,464,067	70,200,271
3 Manitoba Northern.....	18,928,118	10,575,627	1,351,389	30,855,134
4 Manitoba Northern.....	6,573,588	4,732		6,578,320
4 Special.....	166,133			156,133
Tough 2 Manitoba Northern.....		1,462,719		1,462,719
Tough 3 Manitoba Northern.....		4,584,395		4,584,395
Sample.....		24		24
1 C.W. Garnet.....	161,653			161,653
2 C.W. Garnet.....	1,411,518			1,411,518
3 C.W. Garnet.....	2,645,486			2,645,486
Sample Garnet.....		71,404		71,404
1 Alberta Red Winter.....	1,174,627			1,174,627
2 Alberta Winter.....	479,510			479,510
3 Alberta Winter.....	66,463			66,463
Seed.....		161,388	590,536	751,924
1 C.W. Amber Durum.....		44,432		44,432
2 C.W. Amber Durum.....		896,064	90,394	986,458
3 C.W. Amber Durum.....		4,710,212	316,438	5,026,650
Total.....	56,036,205	93,732,975	11,946,354	161,715,534
<i>Oats</i> —				
2 C.W.....	77,647	336,292		413,939
Ex. 3 C.W.....		1,060,591		1,060,591
3 C.W.....	65,882	3,500,380		3,566,262
Ex. 1 Feed.....		2,221		2,221
1 Feed.....	4,926,446	6,565,827		11,492,273
2 Feed.....		758,936		758,936
Mixed Feed.....	608,740	1,654,256	825,846	3,088,842
Tough.....		4,167		4,167
Sample.....		80,399	442,305	522,704
Seed.....		31,994		31,994
Eastern.....		1,055		1,055
Total.....	5,678,715	13,996,118	1,268,151	20,942,984
<i>Barley</i> —				
2 C.W. Six-Row.....			70,000	70,000
3 C.W. Six-Row.....			436,709	436,709
1 Feed.....			215,900	215,900
Sample.....			2,121,986	2,121,986
Total.....			2,844,595	2,844,595
<i>Rye</i> —				
2 C.W.....		1,806,076	611,087	2,417,163
3 C.W.....		991,840	114,493	1,106,333
Total.....		2,797,916	725,580	3,523,496
<i>Flaxseed</i> —				
1 C.W.....		12,000		12,000

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS
BY SEABOARD PORTS, CROP YEAR 1946-47

Loaded at	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bus.	bus.	bus.	bus.	bus.
Vancouver-New Westminster.....	56,036,205	5,678,715			
Victoria.....					
Prince Rupert.....					
Montreal.....	55,151,188	12,918,238		2,197,309	12
Sorel.....	6,728,195				
Three Rivers.....	9,800,889				
Quebec.....	366,953				
St. John.....					
West St. John.....	11,786,412	1,064,730		600,607	
Halifax.....	6,970,463	13,150			
Churchill.....	2,928,875				
Total—Canadian Ports.....	149,769,180	19,674,833		2,797,916	12
New York.....	3,781,825	644,900	897,697	725,580	
Baltimore.....	3,091,638	623,251	874,832		
Boston.....	538,560		423,610		
Philadelphia.....	3,527,313		648,456		
Portland.....	1,007,018				
Total—U.S.A. Ports.....	11,946,354	1,268,151	2,844,595	725,580	
Total to Overseas.....	161,715,534	20,942,984	2,844,595	3,523,496	12
Wheat Flour ¹	79,470,491				
Rolled Oats and Oatmeal ¹		7,966,202			
U.S.A. Imports ²	1,672,255	849,585	4,058,441	1,745,472	40
Grand Total.....	242,858,280	29,758,771	6,903,036	5,268,968	61

Other U.S.A. Imports—		pounds	pounds		
Oats unhulled ground.....		431,320			
Barley Malt.....			7,721,400		

¹ Canadian Customs Returns converted to bushels. ² United States official figures.

ON THE WINNIPEG GRAIN EXCHANGE, CROP YEAR 1946-47

	August	September	October	November	December	January	February	March	April	May	June	July	Yearly Average
WHEAT ¹													
(1) Class I (Domestic)—													
(a) Domestic Use—													
1 Hard.....	125	125	125	125	125	125	137/4	155	155	155	155	155	138/4
2 Northern.....	125	122	122	122	122	122	134/4	155	155	155	155	155	138/4
3 Northern.....	120	120	120	120	120	120	132/4	150	150	150	150	150	135/4
4 Northern.....	115	115	115	115	115	115	127/4	145	145	145	145	145	133/4
1 Northern 5.....	112	112	112	112	112	112	124/4	142	142	142	142	142	128/4
Number 6.....	108	108	108	108	108	108	120/4	138	138	138	138	138	125/4
Feed.....	106	106	106	106	106	106	118/4	136	136	136	136	136	121/4
1 C.W. Garnet.....	120	120	120	120	120	120	132/4	150	150	150	150	150	133/4
2 C.W. Garnet.....	118	118	118	118	118	118	130/4	148	148	148	148	148	131/4
3 C.W. Garnet.....	116	116	116	116	116	116	128/4	146	146	146	146	146	129/4
1 Alberta Red Winter.....	135	135	135	135	135	135	147/4	165	165	165	165	165	148/4
2 Alberta Winter.....	134	134	134	134	134	134	146/4	164	164	164	164	164	147/4
3 Alberta Winter.....	131	131	131	131	131	131	143/4	161	161	161	161	161	144/4
Durum Wheat—													
1 C.W. Amber.....	125	135	135	135	135	135	147/4	165	165	165	165	165	147/6
2 C.W. Amber.....	122	132	132	132	132	132	144/4	162	162	162	162	162	144/6
3 C.W. Amber.....	120	130	130	130	130	130	142/4	160	160	160	160	160	142/6
\$1.35 per bushel basis 1 Northern in store, Fort William-Port Arthur													
(b) Initial payment to producers													
(2) Class II (Export)—													
(a) United Kingdom													
1 Hard.....	155	155	155	155	155	155	155	155	155	155	155	155	155
2 Northern.....	155	155	155	155	155	155	155	155	155	155	155	155	155
3 Northern.....	152	152	152	152	152	152	152	152	152	152	152	152	152
1 Northern.....	150	150	150	150	150	150	150	150	150	150	150	150	150
Commercial													
1 Hard.....	205	207/1	215/1	227/4	226/6	227/5	245/4	288/1	285/2	288/5	259	253/6	244/1
2 Northern.....	205	207/1	215/1	227/4	226/6	227/5	245/4	288/1	285/2	288/5	259	253/6	244/1
3 Northern.....	202	204/1	212/1	224/4	223/6	224/5	242/4	285/1	282/2	285/5	256	250/6	241/1
1 Northern.....	200	202/1	210/1	222/4	221/6	222/5	240/4	283/1	280/2	283/5	254	248/6	239/1
Durum Wheat													
1 C.W. Amber.....	205	215/2	230/1	237/5	236/6	237/4	255/4	298/1	295/2	298/5	269	263/6	253/4
2 C.W. Amber.....	202	213/7	230/1	235	233/6	234/4	252/4	295/1	292/2	295/5	266	260/6	251
3 C.W. Amber.....	200	212/4	229/1	233	231/6	232/4	250/4	293/1	290/2	293/5	264	258/6	249/1

(1) Domestic and Producers—										
2 C.W.....	209/7	226/4	236/2	260/7	272/5	258/2	291/2	324/7	302/3	351/7
3 C.W.....	204/7	221/6	231/4	255/7	267/5	253/2	286/2	318/4	293/5	346
4 C.W.....	191/1	220/6	229/2	249/5	260/4	245/5	275	308/1	283/1	316/5
Ergoty.....	169	190/6	201	224/3	227/1	215/5	245	280/2	248	272
Rejected 2 C.W.....	179	200/6	211	234/3	238/1	232/5	262	297/2	275/1	310
(2) Export—Same as Schedule 1.										
FLAXSEED ¹										
(1) Domestic and Producers—										
(a) Domestic (to Crushers)										
1 C.W.....	275	275	275	275	275	275	325	325	325	325
2 C.W.....	271	271	271	271	271	271	321	321	321	321
3 C.W.....	262	262	262	262	262	262	312	312	312	312
4 C.W.....	258	258	258	258	258	258	308	308	308	308
(b) Producers—										
1 C.W.....	325	325	325	325	325	325	325	325	325	325
2 C.W.....	321	321	321	321	321	321	321	321	321	321
3 C.W.....	312	312	312	312	312	312	312	312	312	312
4 C.W.....	308	308	308	308	308	308	308	308	308	308
(2) Export—same as Schedule 1										
(b) Plus equalization fees:										
No official quotation.										
Equalization Fees—(East).										
(West).										

¹ Price Basis in Store, Fort William-Port Arthur and Vancouver.

(a) Price of wheat to domestic users advanced from \$1.25 per bushel, basis No. 1 Northern in store Fort William-Port Arthur or Vancouver to \$1.55 per bushel, February 18, 1947.

(b) On March 18, 1947, price ceilings for oats and barley were raised to 65c. and 93c. per bushel, respectively in store Fort William-Port Arthur terminals and Canadian Wheat Board support prices announced at these quotations for the top grades.

(c) Advance equalization payments to producers on the sale of oats and barley of 10c. and 15c. per bushel, respectively discontinued from March 18, 1947. An adjustment payment of 10c. per bushel was made to producers for barley delivered between August 1, 1946, and March 17, 1947.

(d) Effective from February 1, 1947, the price of flaxseed to domestic processors was raised to \$3.25 per bushel basis No. 1 C.W. in store Fort William-Port Arthur or Vancouver. Domestic feed and seed prices were unchanged at \$3.25 per bushel (above basis) throughout the Crop Year 1946-47.

BOARD OF GRAIN COMMISSIONERS FOR CANADA
ANNUAL WEIGH-UP, CROP YEAR 1946-47

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT,
AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR, AUGUST 1, 1946 TO JULY 31, 1947, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN
THE WESTERN DIVISION AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

Date of Audit	Licensee	EXCESS						DEFICIENCY			
		1		2		3		1		2	
		Hard	Northern	Northern	Northern	1 C.W. Garnet	2 C.W. Garnet	Hard	Northern	Northern	2 C.W. Garnet
June 30 to July 4.....	<i>Canadian Government Elevators—</i> Calgary, Alta.....	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
June 27-28.....	Edmonton, Alta.....							22-00	79-10	192-50	8-30
July 2.....	Lethbridge, Alta.....							-30	-40	544-40	20-50
July 31 to Aug. 1.....	Saskatoon, Sask.....			141-20				1-50	2-00	517-30	
June 23.....	Moose Jaw, Sask.....							4-10	10-00		

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1946-47

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR, AUGUST 1, 1946 TO JULY 31, 1947, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

Date of Audit	LICENSEE	EXCESS					DEFICIENCY				
		1	1	2	3	1 C.W. Garnet	1	2	3	1 C.W. Garnet	2 C.W. Garnet
		Hard bus.	Northern bus.	Northern bus.	Northern bus.	bus.	Hard bus.	Northern bus.	Northern bus.	bus.	bus.
Dec. 12-13.....	<i>Canadian Consolidated Grain Co.</i>										
July 5.....	Empire.....							179-10	81-10	20-40	
July 10-15.....	Empire.....							578-40	135-00	13-30	
	Thunder Bay.....							16-30	535-00	162-30	434-50
	Thunder Bay.....								72-50	2,338-40	11-00
July 15-18.....	<i>Eastern Terminal Elev. Co. Ltd.</i>							592-00	1,072-20	121-00	63-40
	Richardson.....										
	<i>Federal Grain Limited</i>										
Dec. 19-23.....	Bawlf.....						12-40	454-30	651-50	118-50	
July 24-25.....	Bawlf.....							289-10	548-30	311-40	
Jan. 10-16.....	Northwestern.....			15,581-20				566-10		329-30	66-00
Jan. 2-7.....	Stewart.....							152-40	45-00	248-10	
Aug. 6.....	<i>Fort William Elev. Co. Ltd.</i>							212-40	533-00	87-00	
Dec. 9-11.....	<i>Lakehead Terminals Ltd.</i>							747-20	1,285-10	120-30	
	<i>Manitoba Pool Elevators Ltd.</i>										
July 24-26.....	Terminal No. 1.....							838-10	2,618-30	3,272-30	7-00
June 25-26.....	Terminal No. 2.....							1,168-20	4,242-10	424-30	
May 31.....	Terminal No. 3.....							492-30	1,705-00	353-20	
July 21-24.....	Terminal No. 9.....							216-30	1,067-20	57-00	

[illegible]

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1946-47

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING CROP YEAR. AUGUST 1, 1946 TO JULY 31, 1947, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, VANCOUVER-NEW WESTMINSTER, VICTORIA, CHURCHILL AND NORTH TRANSCONA, and arrived at in the manner prescribed in Section 138, Canada Grain Act, 1930 and amendments thereto

Date of Audit	LICENSEE	EXCESS						DEFICIENCY					
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
		bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.
July 23-Aug. 9, 1947	VANCOUVER-NEW WESTMINSTER <i>Alberta Wheat Pool</i> Terminal No. 1.....								5,653-30	20,414-20	21,965-10	56-20	842-00
Oct. 12, 1946..	Terminal No. 2.....								420-00	409-10	324-20		
Mar. 24-27, 1947	Midland Pacific Terminals Ltd.....								1,034-10	1,891-30	3,017-00	50-20	132-40
July 22-30, 1947	Pacific Elevators Ltd.....								6,493-10	16,256-30	15,721-00	3-30	17-20
June 30-July 2, 1947	James Richardson & Sons Ltd.....		153-00		485-50					170-00			81-50
July 14-16, 1947	Searle Grain Co. Ltd.....					8-10			374-00	3,389-10	4,616-40		818-40
July 17-22, 1947	United Grain Growers Terminals Ltd.....					19-10			1,634-10	4,839-30	12,207-10		1,838-10
	<i>Victoria</i> *United Grain Growers Terminals Ltd.....												
	<i>Churchill</i> National Harbours Bd. Elev.								676-00	1,695-10	341-50		
Sept. 28-Oct. 1, 1946	<i>North Transcona</i> Eastern Terminal Elev. Co....								27-30	115-40	28-00		

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1946-47

SUMMARY OF RESULTS OF CALCULATIONS OF OVERAGE OR SHORTAGE IN WESTERN CANADIAN AND FOREIGN GRAIN AS REVEALED BY THE ANNUAL WEIGH-UP DURING CROP YEAR. AUGUST 1, 1946 TO JULY 31, 1947, OF GRAIN IN STORE IN EASTERN ELEVATORS, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138A CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
			bus.	bus.
Mar. 17-21, 1947	<i>Collingwood—</i> Collingwood Terminals Ltd.....	Western Canadian Wheat.....		2,913-50
		Western Canadian Oats.....		4,589-24
		Western Canadian Barley.....		452-23
		Western Canadian Rye.....		38-07
		Western Canadian Screenings	60,034 lbs.	
Apr. 18-Apr. 5, 1947	<i>Goderich—</i> Goderich Elev. & Transit Co.....	Western Canadian Wheat.....		22,093-11
		Western Canadian Oats.....		17,768-01
		Western Canadian Barley.....		9,243-01
		Western Canadian Rye.....		988-04
		Western Canadian Flaxseed.....		306-12
		Western Canadian Mix. Grain	33,249 lbs.	
		Western Canadian Screenings		8,979 lbs.
Mar. 20, 22, 1947	<i>Goderich—</i> Purity Flour Mills Ltd.....	Western Canadian Wheat.....		14,335-50
		Western Canadian Oats.....		321-31
		Western Canadian Barley.....		355-19
Apr. 15-22, 1947	<i>Humberstone—</i> Robin Hood Flour Mills Ltd.....	Western Canadian Wheat.....		2,542-30
		Western Canadian Oats.....		364-23
Dec. 19-20, 1946	<i>Kingston—</i> Kingston Elevator Co. Ltd.....	Western Canadian Wheat.....		4,812-10
		Western Canadian Oats.....		535-16
		Western Canadian Barley.....		500-09
		Western Canadian Rye.....		84-10
		Western Canadian Flaxseed.....		92-14
Feb. 24- Mar. 11, 1947	<i>Midland—</i> Aberdeen Elevator Co. Ltd.....	Western Canadian Wheat.....		882-25
		Western Canadian Oats.....	145-30	
		Western Canadian Barley.....		124-39
		Western Canadian Screenings		2,492 lbs.
		U.S.A. Wheat.....		337-15
Feb. 26, 28, 1947	<i>Midland—</i> C.N.R. Elevator Co. Ltd.....	Western Canadian Wheat.....		3,032-40
		Western Canadian Oats.....		137-13
		Western Canadian Barley.....		94-28
Apr. 12-18, 1947	<i>Midland—</i> Canada Steamship Lines Ltd.....	Western Canadian Wheat.....		4,584-10
		Western Canadian Oats.....		366-04
		Western Canadian Barley.....		47-21
		Western Canadian Rye.....		17-04
Mar. 5-12, 1947	<i>Midland—</i> Midland Simcoe Elev. Co. Ltd....	Western Canadian Wheat.....		5,095-30
		Western Canadian Oats.....	2,089-02	
		Western Canadian Barley.....		979-41
Mar. 24-Apr. 2, 1947	<i>Owen Sound—</i> Great Lakes Elev. Co. Ltd.....	Western Canadian Wheat.....		3,380-55
		Western Canadian Oats.....		1,745-17
		Western Canadian Barley.....		1,931-28
		Western Canadian Rye.....		13-10
		Western Canadian Screenings		4,975 lbs.
Apr. 8-9, 1947..	<i>Port Colborne—</i> National Harbours Board Elev....	Western Canadian Wheat.....		5,720-50
		Western Canadian Oats.....	435-03	
		Western Canadian Barley.....		55-23
		Western Canadian Rye.....		50-07
Apr. 9-14, 1947	<i>Port Colborne—</i> Maple Leaf Milling Co. Ltd.....	Western Canadian Wheat.....		9,841-10
		Western Canadian Oats.....		348-32
		Western Canadian Barley.....		239-12
		Western Canadian Rye.....		8-12
		U.S.A. Corn.....	1-30	

ANNUAL WEIGH-UP, CROP YEAR 1946-47—Continued

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS—Continued

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
Apr. 5-11, 1947	<i>Port McNicoll</i> — C.P.R. Elevator Co. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Screenings.....	bus. bus.	bus. bus.
Dec. 18-19, 1946	<i>Prescott</i> — National Harbours Board Elev....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Flaxseed..... U.S.A. Corn.....		6,007-2 1,737-0 34-2 433-4 1,114 lbs
Apr. 24-May 10, 1947	<i>Sarnia</i> — Sarnia Elevator Co. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... U.S.A. Wheat..... U.S.A. Corn.....		1,909-0 1,120-3 431-1 36-0 46-3
Aug. 12-22, 1946	<i>Toronto</i> — Toronto Elevators Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Flaxseed..... Western Canadian Beans..... U.S.A. Corn.....		36,504-2 3,987-0 5,399-4 716-0 5,268-0
May 12-16, 1947	<i>Walkerville</i> — Hiram Walker & Sons Corp.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... U.S.A. Corn.....		7,106-5 5,488-0 817-0 1,623-2 -3 68-4
Dec. 4-16, 1946	<i>Montreal</i> — National Harbours Board Elev....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Flaxseed..... Western Canadian Peas..... Western Canadian Screenings..... U.S.A. Corn..... U.S.A. Rice..... Argentine Corn.....	2,530 lbs.	429-1 206-0 455-2 2,910-0 10,081-0 6,206-3 1,372-1 1,360-2 643-3 68-4 19-4 35-0 6,487-0
June 18-23, 1947	<i>Montreal</i> — Dominion Elev. Co. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Mix. Grain..... Western Canadian Screenings..... Western Canadian Corn..... U.S.A. Corn..... Argentine Corn.....	159-11	2,450-4 4,791-1 2,316-2 168-0 4,290 lbs 22,450 lbs 1,763-1 -2
Dec. 17-18, 1946	<i>Quebec</i> — National Harbours Board Elev....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Screenings.....		469-3 353-2 304-1 386 lbs.
Dec. 12-13, 1946	<i>Sorel</i> — North American Elevs. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Screenings.....		3,021-5 868-1 2-0 40 lbs.
Dec. 16, 1946.	<i>Three Rivers</i> — Three Rivers Grain & Elev. Co..	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley.....		1,773-5 971-0 4-1

ANNUAL WEIGH-UP, CROP YEAR 1946-47—*Concluded*CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS—*Concluded*

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
			bus.	bus.
June 25, 1947...	<i>Halifax—</i> National Harbours Board Elev....	Western Canadian Wheat.....		4,472-40
		Western Canadian Oats.....		22-29
		Western Canadian Barley.....		10-32
		U.S.A. Corn.....		73-25
		Argentine Corn.....		18-42
June 27-28, 1947	<i>St. John—</i> C.N.R. Elevator.....	Western Canadian Wheat.....		32-30
		Western Canadian Oats.....		60-31
		Western Canadian Barley.....		40-42
		Western Canadian Screenings.....		190 lbs.
June 30, 1947...	<i>West St. John—</i> C.P.R. Elevator "B".....	Western Canadian Wheat.....		2,785-40
		Western Canadian Oats.....		280-16
		Western Canadian Rye.....		224-51
June 30, 1947...	<i>West St. John—</i> C.P.R. Elevator "H".....	Western Canadian Wheat.....		4,121-50
		Western Canadian Oats.....		274-33
		Western Canadian Rye.....		150-26

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1946-47

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. and 2 C.W. GARNET GRADES OF WHEAT HANDLED AT AND IN STORE IN PRIVATE TERMINAL ELEVATORS IN THE WESTERN DIVISION, DURING CROP YEAR AUGUST 1, 1946, to JULY 31, 1947, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

	Fort William		Edmonton	
	National Grain Co. Ltd. "D & S"		United Grain Growers Ltd.	
	Excess	Deficiency	Excess	Deficiency
	bus.	bus.	bus.	bus.
1 Manitoba Hard.....				
1 Manitoba Northern.....				
2 Manitoba Northern.....				
3 Manitoba Northern.....		3-50		241-10
1 C.W. Garnet.....				
2 C.W. Garnet.....				30-10
Date of Audit.....	July 16, 1947		July 10, 1947	

No Wheat of the above grades was handled or in store in the following elevators:—

Canada Malting Co. Ltd. (Nos. 1 and 2).....Calgary, Alta.
 Canada Malting Co. Ltd.....Winnipeg, Man.
 Dominion Malting Co. Ltd.....South Transcona, Man.

NOTE.—The Red River Grain Co. elevator completely destroyed by fire before weigh-over undertaken.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS, 1947

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Grain Inspector, Board of Grain Commissioners.
 A. Miller, Chairman, Grain Appeal Tribunal, Winnipeg.
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.
 P. J. Marples, Chairman, Grain Appeal Tribunal, Calgary.
 Dr. J. A. Anderson, Chief Chemist, Dominion Grain Research Laboratory.
 Dr. L. H. Newman, Dominion Cerealists.
 W. A. Hastings, representing the millers of wheat flour.
 George Bennett
 W. H. Fairfield
 R. H. MacDonald
 B. S. Plümer
 A. F. Sproule
 Dr. L. E. Kirk
 J. Wellbelove
 L. L. Gray
 G. S. Canfield
 W. J. Parker
 R. Barrett
 J. Quick
 G. Constable, representing grain growers in British Columbia.
 Nelson Young, representing Plant Products Division, Department of Agriculture

COMMITTEE ON EASTERN GRAIN STANDARDS, 1947

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Grain Inspector, Board of Grain Commissioners.
 N. Clare Wight, representing Montreal Board of Trade.
 E. D. Sullivan, representing Toronto Board of Trade.
 Guy D. Robinson, representing exporters of grain.
 F. H. Dunsford
 H. Norman Davis
 N. M. Marshall
 W. A. Amos
 Wm. Wallace
 J. M. Vittie
 G. E. McConney

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

<i>Winnipeg</i>	<i>Calgary</i>	<i>Edmonton</i>
A. Miller, Chairman	P. J. Marples, Chairman	C. R. Manahan, Chairman
Grant Hammond	T. F. Allison	H. Landsman
J. McMahon	W. G. McLeod	W. H. Boyle
A. F. Moore	J. Tranter	A. Fraser
James Gregory	J. A. Harris	T. Stickney
S. C. Swanton	W. McLeod	J. A. Kyle
J. F. Lazenby	E. J. Munson	L. T. Ingram
D. K. Mills	G. C. Arbuthnott	J. F. Heathfield
H. R. Ballance	A. Watson	Ross Saunders
S. Billinsky (Secretary)		D. K. McKay (Secretary)
<i>Toronto</i>	<i>Montreal</i>	
G. D. Brundrit	A. Chaplin	
C. H. Coatsworth	T. B. Earle	
R. O. Pratt	J. A. Byrne	
N. H. Campbell	J. M. Vittie	
C. W. Heimbecker	T. A. Climo	
L. S. Johnston	E. Lorne Tracey (Secretary)	
W. H. McCarthy		
G. E. McConney		
E. D. Sullivan		
K. F. Wadsworth		
F. D. Tolchard (Secretary)		

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1947

	Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	338	37	Nil	301
Calgary.....	438	86	Nil	352
Edmonton.....	317	38	1	278
Toronto.....	Nil	Nil	Nil	Nil
Montreal.....	Nil	Nil	Nil	Nil
	1,093	161	1	931

APPENDIX No. 4
REPORT OF REGISTRAR

WINNIPEG, MANITOBA,
January 19, 1947

The Secretary,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal warehouse receipts Western Division and eastern warehouse receipts or transfer receipts during the crop year ended July 31, 1947:

	Bushels Registered	Bushels Registered for Cancellation
<i>Winnipeg—</i>		
Wheat.....	192,953,441-00	190,541,021-4
Oats.....	60,760,476-11	65,239,127-3
Barley.....	38,290,466-42	38,426,626-3
Flax.....	3,549,218-39	3,656,656-2
Rye.....	5,640,785-06	5,605,595-2
Mixed Grain.....	1,235,772-00	1,176,309-0
Oat Groats.....	15,535-00	25,996-1
Corn.....	110,369-42	113,592-3
Buckwheat.....	4,259-38	3,148-2
Soybeans.....	1,703-20	1,703-2
<i>Vancouver—</i>		
Wheat.....	60,396,020-40	59,445,468-5
Oats.....	6,109,759-22	7,761,662-2
Barley.....	756,920-08	764,985-3
Flax.....	523-42	481-5
Rye.....	3,033-22	2,948-2
Mixed Grain.....	65,388-34	49,125-3
<i>Calgary—</i>		
Wheat.....	638,905-20	646,390-5
Oats.....	162,407-30	345,100-28
Barley.....	1,325,953-28	1,868,606-32
Flax.....	912-21	1,536-03
Rye.....	1,621-54	1,621-54
Mixed Grain.....	281-00	1,499-20
<i>Edmonton—</i>		
Wheat.....	694,903-20	672,653-30
Oats.....	557,885-00	765,013-20
Barley.....	95,546-20	382,150-20
Mixed Grain.....	2,221-30	554-40
Corn.....	9,606-48	6,317-30
Flax.....		1,155-07
<i>Saskatoon—</i>		
Wheat.....	34,397-20	24,096-20
Oats.....	178,272-12	308,981-22
Barley.....	45,283-08	72,273-36
Flax.....	213,894-43	213,448-07
Rye.....	2,206-00	
Mixed Grain.....	20,927-10	23,140-20
<i>Moose Jaw—</i>		
Wheat.....	18,633-10	13,254-40
Oats.....	16,867-10	104,147-18
Barley.....	2,273-07	75,319-18

	Bushels Registered	Bushels Registered for Cancellation
<i>Moose Jaw—Concluded</i>		
Flax.....	4,010-00	46,212-03
Rye.....	1,646-14	5,656-14
Mixed Grain.....	6,521-20	7,317-10
Sunflower Seeds.....	1,748-20	1,711-30
Rapeseed.....	3,868-40	3,868-40
Soybean.....	67,852-50	55,650-40
<i>Summary—Western Division—</i>		
Wheat.....	254,736,300-50	251,342,885-50
Oats.....	67,785,668-17	74,524,034-11
Barley.....	40,516,443-17	41,589,962-31
Flax.....	3,768,559-33	3,919,489-40
Rye.....	5,649,292-40	5,615,820-05
Mixed Grain.....	1,331,111-44	1,257,946-20
Oat Groats.....	15,535-00	25,996-16
Corn.....	119,976-34	119,910-04
Buckwheat.....	4,259-38	3,148-26
Soybeans.....	69,556-10	57,354-00
Rapeseed.....	3,868-40	3,868-40
Sunflower Seeds.....	1,748-20	1,711-30

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

<i>Montreal—</i>		
Wheat.....	255,898,108-45	251,104,368-30
Oats.....	63,912,076-18	68,940,664-16
Barley.....	22,886,022-16	24,571,997-06
Flax.....	1,302,960-21	1,731,391-19
Rye.....	5,668,052-16	5,614,333-11
Mixed Grain.....	319,771-42	312,082-42
Screenings.....	988,979-26	952,491-38
Buckwheat.....	27,243-04	34,552-18
Beans.....	544,557-30	455,273-10
Peas.....	31,322-38	87,373-10
Rice.....	87,606-40	87,506-40
Corn.....	9,905,830-30	9,181,475-10
Oat Groats.....	1,985-10	.....

Yours respectfully,

E. L. JAFFRAY,

Registrar.

APPENDIX No. 5

REPORT OF THE CHIEF INSPECTOR OF GRAIN

1064 Grain Exchange,

WINNIPEG, MAN., January 6, 1948

Mr. J. Rayner, Secretary,
Winnipeg, Man.

DEAR SIR,—I have the honour to submit herewith the annual report covering cars and cargo inspections in the Western Division, also the car and cargo inspections and sampling of grain in the Eastern Division for the crop year ending July 31, 1947.

The total number of cars inspected in the Western Division for the year 1946-47 was 267,139 as against 249,528 for the previous year, an increase of 17,611 cars.

Yours truly,

F. S. LUDLAM,

Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1946 to July 31, 1947, are made up as follows:

	Cars	Percentage
Wheat.....	188,962	70.7
Oats.....	39,157	14.6
Barley.....	30,104	11.2
Flax.....	3,402	1.2
Rye.....	3,471	1.2
Mixed Grain.....	837	.3
Corn.....	28	.01
Buckwheat.....	1	.00
Screenings.....	1,011	.3
Peas.....	161	.06
Sunflower Seeds.....	5	.00
Totals.....	267,139	100.00

The grades of wheat are as follows:

	Cars	Percentages	Totals	Percentage of Total Inspections
1 Manitoba Northern.....	25,740	14.389		
2 Manitoba Northern.....	81,048	45.306		
3 Manitoba Northern.....	23,381	13.070		
4 Manitoba Northern.....	5,472	3.059		
19 No. 4 Special.....	2,820	1.576		
No. 5 Special.....	39	.022		
No. 5.....	1,539	.860		
No. 6.....	124	.069		
Feed.....	17	.010		
Sample.....	75	.042		
Smutty.....	541	.302		
Over Tough.....	36,362	20.327		
Damp.....	1,024	.572		
Rejected.....	708	.396		
ye * Total Red Spring Wheats.....	178,890	100.000	178,890	94.670
1 Garnet.....	92	2.993		
2 Garnet.....	392	12.753		
ye 3 Garnet.....	392	12.753		
Smutty Garnet.....	3	.097		
se Tough Garnet.....	2,179	70.884		
Damp Garnet.....	12	.390		
Rejected Garnet.....	4	.130		
Total Garnet Wheats.....	3,074	100.000	3,074	1.627
1 Amber Durum.....	51	1.060		
2 Amber Durum.....	802	16.685		
07. 3 Amber Durum.....	2,761	57.437		
4 Amber Durum.....	86	1.789		
5 Amber Durum.....	11	.228		
6 Amber Durum.....	1	.020		
Smutty Amber Durum.....	198	4.119		
Tough Amber Durum.....	689	14.334		
Damp Amber Durum.....	51	1.061		
Rejected Amber Durum.....	114	2.372		
Sample Amber Durum.....	43	.895		
194 Total Amber Durum Wheats.....	4,807	100.000	4,807	2.544
1 White Spring.....	3	1.266		
2 White Spring.....	16	6.750		
3 White Spring.....	74	31.224		
4 White Spring.....	19	8.017		
Smutty White Spring.....	1	.422		
Tough White Spring.....	104	43.882		
atag Damp White Spring.....	1	.422		
Rejected White Spring.....	19	8.017		
Total White Spring Wheats.....	237	100.000	237	.125
70. 1 Mixed Wheat.....	41	33.334		
2 Mixed Wheat.....	2	1.626		
4. 3 Mixed Wheat.....	12	9.756		
1. 4 Mixed Wheat.....	1	.813		
5 Mixed Wheat.....	18	14.634		
1. 6 Mixed Wheat.....	3	2.439		
Tough Mixed Wheat.....	37	30.081		
1. 2 Smutty Mixed Wheat.....	4	3.252		
Rejected Mixed Wheat.....	5	4.065		
. 3 Total Mixed Wheat.....	123	100.000	123	.065
. 01 Alberta Red Winter.....	1,019	55.653		
2 Alberta Winter.....	503	27.471		
. 3 Alberta Winter.....	135	7.373		
Tough Alberta Winter.....	52	2.840		
. 3 Smutty Alberta Winter.....	96	5.243		
Rejected Alberta Winter.....	23	1.256		
. 0 Sample Alberta Winter.....	3	.164		
. 00 Total Alberta Winter Wheat.....	1,831	100.000	1,831	.969
0. 00 TOTAL ALL WHEATS.....	188,962		188,962	100.000

The grades of oats are as follows:

	Cars	Percentage
1 Canada Western.....	4	
2 Canada Western.....	2,007	5
Extra 3 Canada Western.....	826	2
3 Canada Western.....	7,097	18
Extra 1 Feed.....	1,837	4
1 Feed.....	12,914	32
2 Feed.....	4,535	11
3 Feed.....	839	2
Mixed Feed Oats.....	152	
Rejected Oats.....	92	
Sample.....	27	
Tough.....	8,614	21
Damp.....	213	
Total.....	39,157	100

The grades of barley are as follows:

	Cars	Percentage
1 Canada Western Six-Row.....	8	
2 Canada Western Six-Row.....	1,136	3
3 Canada Western Six-Row.....	2,250	7
1 Canada Western Two-Row.....	1	
2 Canada Western Two-Row.....	291	
2 Canada Western Yellow.....	72	
3 Canada Western Yellow.....	203	
1 Feed.....	6,580	21
2 Feed.....	8,949	29
3 Feed.....	3,454	11
Rejected.....	126	
Sample.....	29	
Tough.....	6,666	22
Damp.....	339	1
Total.....	30,104	100

The grades of flax are as follows:

	Cars	Percentage
1 Canada Western.....	2,342	68
2 Canada Western.....	412	12
3 Canada Western.....	189	5
4 Canada Western.....	16	
Sample.....	9	
Tough.....	423	12
Damp.....	10	
Flax and Broken Wheat.....	1	
Total.....	3,402	100

The grades of rye are as follows:

	Cars	Percentage
1 Canada Western.....	93	2
2 Canada Western.....	1,518	43
3 Canada Western.....	854	24
4 Canada Western.....	138	3
Ergoty Rye.....	6	
Rejected.....	3	
Tough.....	840	24
Damp.....	16	
Sample.....	3	
Total.....	3,471	100

The grades of mixed grain are as follows:

	Cars	Percentage
No. 1.....	68	8.124
No. 2.....	32	3.823
No. 3.....	434	51.852
Tough.....	250	29.869
Damp.....	19	2.270
Smutty.....	3	.359
Sample.....	24	2.867
Rejected.....	7	.836
Total.....	837	100.000

The grades of corn are as follows:

	Cars	Percentages
No. 2 Canada Western Yellow.....	5	17.857
No. 3 Canada Western Yellow.....	6	21.428
No. 5 Canada Western Yellow.....	1	3.571
Tough.....	4	14.286
Damp.....	6	21.429
Moist.....	6	21.429
Total.....	28	100.000

THE NUMBER OF CARS OF GRAIN INSPECTED AT THE VARIOUS POINTS DURING
THE CROP YEAR AUGUST 1, 1946 TO JULY 31, 1947

	Cars	Percentages
Winnipeg.....	191,126	71.546
Calgary.....	30,189	11.301
Moose Jaw.....	5,305	1.986
Saskatoon.....	6,169	2.309
Medicine Hat.....	3,910	1.463
Lethbridge.....	114	.043
Edmonton.....	27,473	10.284
Vancouver.....	965	.361
Churchill.....	1,888	.707
Total.....	267,139	100.000

SUMMARY OF CARS REINSPECTED 1946-1947

	Winnipeg		Calgary	
Cars Inspected.....	191,126		30,189	
Cars Reinspected.....	22,850	11.96%	3,802	12.51%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	12,259	53.65	2,105	55.37
Grades Raised.....	4,810	21.05	601	15.80
Grades Lowered.....	274	1.20	55	1.45
Dockage Raised.....	571	2.50	192	5.05
Dockage Lowered.....	4,936	21.60	849	22.33
Total.....	22,850	100.00	3,802	100.00

SUMMARY OF CARS REINSPECTED—*Concluded*

	Edmonton		Saskatoon	
Cars Inspected.....	27,473		6,169	
Cars Reinspected.....	6,991	25.45%	199	3.2%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	4,568	65.34	195	97.5
Grades Raised.....	652	9.34	4	2.0
Grades Lowered.....	117	1.67		
Dockage Raised.....	276	3.95		
Dockage Lowered.....	1,378	19.70		
Total.....	6,991	100.00	199	100.0
	Moose Jaw		Medicine Hat	
Cars Inspected.....	5,305		3,910	
Cars Reinspected.....	335	6.31%	99	2.5
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	281	83.88	59	59.6
Grades Raised.....	52	15.52	32	32.3
Grades Lowered.....	1	0.30	2	2.0
Dockage Raised.....	1	0.30	3	3.0
Dockage Lowered.....			3	3.0
Total.....	335	100.00	99	100.0
	Lethbridge		Vancouver	
Cars Inspected.....	114		965	
Cars Reinspected.....	Nil		Nil	
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....				
Grades Raised.....				
Grades Lowered.....				
Dockage Raised.....				
Dockage Lowered.....				
Total.....				
	The Pas		Churchill	
Cars Inspected.....			1,888	
Cars Reinspected.....			4	.21
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....			4	100.0
Grades Raised.....				
Grades Lowered.....				
Dockage Raised.....				
Dockage Lowered.....				
Total.....			4	100.0

RECAPITULATION OF REINSPECTIONS

Total Cars Inspected.....		267,139	
Total Cars Reinspected.....		34,280	12.83%
	Cars	Per Cent	Per Cent of Total Inspections
Left as Graded.....	19,471	56.80	7.29
Grades Raised.....	6,151	17.94	2.30
Grades Lowered.....	449	1.31	0.17
Dockage Raised.....	1,043	3.04	0.39
Dockage Lowered.....	7,166	20.91	2.68
	34,280	100.00	12.83

SUMMARY OF CARS APPEALED

	Winnipeg		Edmonton		Calgary		Total	
	Cars	Per Cent	Cars	Per Cent	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	301	89.05	278	87.69	352	80.37	931	85.18
Grades Raised.....	37	10.95	38	12.00	86	19.63	161	14.73
Grades Lowered.....			1	0.31			1	0.09
Dockage Raised.....								
Dockage Lowered.....								
Total.....	338	100.00	317	100.00	438	100.00	1,093	100.00

PERCENTAGE OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per Cent
Total Inspections.....	267,139	100.00
Total Appeals.....	1,093	0.41
Total Grades Changed.....	162	0.06

GRAIN INSPECTED AND SHIPPED BY VESSEL, AUGUST 1, 1946 TO JULY 31, 1947

	Fort William and Port Arthur	Vancouver	Churchill
	bushels	bushels	bushels
Wheat.....	176,020,130.00	56,003,198.20	2,928,875.40
Oats.....	49,614,438.18	7,649,078.12	
Barley.....	30,962,476.33		
Flax.....	1,315,787.30		
Rye.....	4,746,542.18		
Screenings.....	4,205,882.00		
Mixed Grain.....	224,636.44		

OUTWARD CARS INSPECTED CROP YEAR, AUGUST 1, 1946 TO JULY 31, 1947, EX-PUBLIC, SEMI-PUBLIC
AND PRIVATE ELEVATORS

	Winnipeg	Calgary	Edmonton	Moose Jaw	Saskatoon	Vancouver	Fort William and Port Arthur	Churchill
Wheat.....	244	409	385	163	72	1,561	6,712	.....
Oats.....	933	365	336	452	164	857	6,469	7
Barley.....	473	1,048	192	50	86	381	3,895	.....
Flax.....	2	1	.....	38	124	.....	1,364	.....
Rye.....	5	4	2	7	3	5	410	.....
Screenings.....	579	370	21	199	304	747	1,530	20
Mixed Grain.....	41	15	1	83	11	22	554	.....
Corn.....	6	.....	.....	.....	.....	.....	26	.....
Sunflower Seed.....	.....	.....	.....	1	.....	.....	36	.....
Peas.....	31	.....	.....	.....	.....	.....	.....	.....
Total.....	2,314	2,212	937	993	764	3,573	20,996	27

EASTERN DIVISION

TOTAL INSPECTIONS, AUGUST 1, 1946 TO JULY 31, 1947

Carloads—

Grain Grown in Eastern Division—

Cars Cars

At Montreal.....	110	
At Toronto.....	809	
At Chatham.....	4,232	5,151

Cargoes—

Grain Grown in Eastern Division—

Bushels

At Toronto:	
1 C. Yellow Soybeans.....	92,438

GRAIN CARGOES SAMPLED BUT NOT INSPECTED, AUGUST 1, 1946 TO JULY 31, 1947

	Bushels	Bushels
Western Grain.....	123,335,212	
Eastern Grain.....	1,054	
Miscellaneous Grain.....	918,942	
		124,255,208
At Montreal.....	83,314,368	
At Sorel.....	9,578,281	
At Three Rivers.....	9,976,363	
At Quebec.....	366,952	
At St. John.....	14,060,901	
At Halifax.....	6,958,343	
		124,255,208

CARLOADS SAMPLED BUT NOT INSPECTED, AUGUST 1, 1946 TO JULY 31, 1947

	Montreal	Toronto	Chatham
Western Grain.....	80		8
Eastern Grain.....	95		169
Miscellaneous Grain.....	6		
U.S. Grain.....	1		
Total.....	182		177

GRADES OF CARLOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
1 C.E. White Winter.....		58		58
2 C.E. White Winter.....		7		7
3 C.E. White Winter.....		1		1
1 C.E. Red Winter.....			7	7
2 C.E. Red Winter.....			1	1
1 C.E. Mixed Winter.....		198	66	264
2 C.E. Mixed Winter.....		53	3	56
3 C.E. Mixed Winter.....			1	1
4 C.E. Mixed Winter.....		1		1
Tough.....		92	38	130
Damp.....		1		1
Smutty.....		89	8	97
Sample.....		36	2	38
<i>Rye—</i>				
1 C.E.....	1	2		3
2 C.E.....	22	3		25
3 C.E.....	3			3
Tough.....	3	7	1	11
Sample.....	1	1		2

GRADES OF CARLOADS INSPECTED—Continued

	Montreal	Toronto	Chatham	Total
<i>Oats—</i>				
1 C.E. White.....			1	1
2 C.E. White.....			16	16
3 C.E.....			7	7
4 C.E.....			3	3
Sample.....			1	1
Mixed Feed Oats.....		44		44
<i>Flax—</i>				
1 C.E.....	1	15		16
2 C.E.....		1		1
3 C.E.....	3			3
Tough.....		2		2
<i>Barley—</i>				
2 C.E. Six-Row.....		1	18	19
3 C.E. Six-Row.....		2	17	19
4 C.E.....			2	2
2 Feed.....		6		6
3 Feed.....		41		41
Sample.....			1	1
<i>Buckwheat—</i>				
No. 3 C.E.....	1			1
Tough.....	1	1	2	4
Damp.....			1	1
Sample.....		1		1
<i>Corn—</i>				
Extra Dry 1 C.E. Yellow.....			14	14
No. 1 C.E. Yellow.....			49	49
Extra Dry 2 C.E. Yellow.....			19	19
No. 2 C.E. Yellow.....			91	91
Extra Dry 3 C.E. Yellow.....	1		18	19
No. 3 C.E. Yellow.....			122	122
Extra Dry 4 C.E. Yellow.....			5	5
No. 4 C.E. Yellow.....			57	57
Extra Dry 5 C.E. Yellow.....			4	4
No. 5 C.E. Yellow.....			38	38
Extra Dry Sample.....			8	8
Extra Dry 1 C.E. White.....			2	2
No. 1 C.E. White.....			6	6
Extra Dry 2 C.E. White.....			7	7
No. 2 C.E. White.....			16	16
Extra Dry 3 C.E. White.....			5	5
No. 3 C.E. White.....			16	16
No. 4 C.E. White.....			7	7
Extra Dry 5 C.E. White.....			2	2
No. 5 C.E. White.....			2	2
Extra Dry 1 C.E. Mixed.....			1	1
No. 1 C.E. Mixed.....			2	2
Extra Dry 2 C.E. Mixed.....			2	2
No. 2 C.E. Mixed.....			9	9
Extra Dry 3 C.E. Mixed.....			3	3
No. 3 C.E. Mixed.....			10	10
Tough.....			423	423
Damp.....		5	458	463
Moist.....		9	913	922
Wet.....		3	534	537
Sample.....	2		30	32
<i>Peas—</i>				
1 C.E. White.....	3			3
2 C.E. White.....	20	1	1	22
3 C.E. White.....	34		28	62
4 C.E. White.....	6	3	9	18
1 C.W. Small Yellow.....	6			6
2 C.W. Small Yellow.....	2			2
3 C.W. Small Yellow.....	3			3
1 C.W. Large Yellow.....	1			1
2 C.W. Large Yellow.....	3			3
3 C.W. Large Yellow.....	1			1
Tough.....	7	2	4	13
Sample.....	5		1	6

GRADES OF CARLOADS INSPECTED—*Concluded*

	Montreal	Toronto	Chatham	Total
<i>Soybeans—</i>				
No. 1 C. Yellow.....		18	63	81
No. 2 C. Yellow.....		4	76	80
No. 3 C. Yellow.....			27	27
No. 5 C. Yellow.....			1	1
Tough.....		21	93	114
Damp.....		10	59	69
Moist.....		14	24	38
Wet.....		1	2	3
<i>Pea Beans—</i>				
No. 1 C.E.....			454	454
No. 2 C.E.....			168	168
No. 3 C.E.....			31	31
No. 4 C.E.....			14	14
No. 1 C.E. Yelloweye.....			1	1
No. 4 C.E. Yelloweye.....			1	1
Tough.....			74	74
Damp.....			19	19
Sample.....			13	13

APPENDIX No. 6

REPORT OF THE GRAIN WEIGHMASTER

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report of the Grain Weighing Branch of the Board for the crop year, 1946-47.

Weighing Services

As in past years this Branch supplied weighing services to all Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board in the Western Division for the purpose of weighing all grain received into and shipped out of these elevators, as required under the Act. Weighing services have been supplied at a number of elevators, operating under Mill Elevator licenses, when required. Weighing services were also supplied on a fee basis at the following points in the Eastern Division: Midland, Port McNicoll, Owen Sound, Goderich, Toronto and Sarnia. Weighing services were also available at Montreal.

Inspection of Scales

In accordance with the Weights and Measures Act and Regulation 1929, Chapter 212, Section 50, the annual inspection of scales in Eastern and Terminal Elevators, licensed by the Board, was carried out and certificates of certification were issued covering the above inspections by the Assistant Chief Grain Weighmaster and myself.

Semi-annual inspections of scales in terminal elevators were made as in the past, and also special inspections were made when necessary and upon request from interested parties.

The scales in the above elevators have been maintained in good condition by qualified scale mechanics.

Maintenance of Equipment

At all elevators licensed by the Board where weighing services have been supplied by this Branch, the equipment used for receiving, shipping and weighing grain has been maintained in good condition under the supervision of officers of this Branch.

Car Shortages

The number of complaints received on the outturns of cars unloaded at terminal elevators during the crop year were very few. All complaints received were thoroughly investigated and adjustments made or recommended where it was proven that mishaps in handling had taken place.

Vessel Shortages

There is enclosed statement showing the average reported shortage of pounds per thousand bushels on the various grain shipments loaded into vessels at Fort William and Port Arthur and unloaded at Canadian and American ports. There were 1,256 cargoes loaded during the year.

Reported outturns of some cargoes loaded at the lakehead, on which complaints were received, were thoroughly investigated and in some cases satisfactory settlements were affected, but in other cases investigations proved

that there were no claims against the loading elevators. Any complaints received on shipments made from Atlantic or Pacific Coast Ports were investigated and reports submitted to the Board.

Annual Audits

As required under the Act, the stocks of all grain in store in Public Terminal and Semi-Public Terminal Elevators and the top four grades of wheat in Private Terminal Elevators licensed by the Board in the Western Division were weighed over.

In the Eastern Division, elevators licensed as Eastern Elevators were also weighed over. Statements of the correct quantities of the various grades in store in each of the above elevators which were weighed over, were prepared by this Branch and forwarded to the Board to permit of the adjustment of the outstanding warehouse receipts in Public and Semi-Public Terminal Elevators and the establishment of overages in Terminal and Eastern Elevators in accordance with the provisions of Sections 138 and 138A of the Canada Grain Act.

There are attached statements showing average reported shortage of pounds per thousand bushels on vessel shipments from the lakehead to Canadian and American ports; receipts and shipments at the various points; report of cars arriving at destination leaking, not protected by seals, and with defective seals; also cars reported leaking and with defective seals in Winnipeg railway yards.

Respectfully submitted,

S. M. CAPON,
Chief Weighmaster.

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1946-47
IN ELEVATORS AT THE FOLLOWING POINTS

RECEIPTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian corn	U.S.A. corn	Argentine corn	Miscellaneous
	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	lbs.
Vancouver and New Westminster.....	63,157,625-30	7,759,589-24	1,595,824-28	49,798-27	2,117-48	.....	290,252-04	86,016-14	10,498,750
Victoria.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince Rupert.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Churchill.....	3,272,906-00	2,378-25	.....	.....	.....	.....	.....	.....	.....
Calgary.....	658,059-10	162,779-02	1,350,340-10	1,621-54	1,140-10	.....	.....	.....	14,100
Edmonton.....	721,010-00	561,770-00	89,239-38	.....	.....	2,991-54	6,621-04	.....	111,930
Lethbridge.....	1,579-40	.....	.....	.....	.....	.....	.....	.....	.....
Moose Jaw.....	19,718-40	14,934-14	3,739-28	5,658-42	479-46	.....	.....	.....	4,332,190
Saskatoon.....	37,216-00	180,440-20	46,009-28	.....	292,352-33	.....	.....	.....	1,206,880
North Transcona..	368,292-30	387,492-02	916,428-16	1,659-46	1,594-36	.....	.....	.....	12,741,860

SHIPMENTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian corn	U.S.A. corn	Argentine corn	Miscellaneous
	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	lbs.
Vancouver and New Westminster.....	59,446,802-10	7,809,405-00	758,596-32	9,497-08	481-54	.....	12,857-08	84,739-26	51,782,920
Victoria.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince Rupert.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Churchill.....	2,928,935-40	18,982-16	.....	.....	.....	.....	.....	.....	1,024,781
Calgary.....	645,032-40	350,101-24	1,870,290-20	1,621-54	1,540-17	.....	.....	.....	719,340
Edmonton.....	694,243-30	743,060-00	382,150-40	.....	1,172-38	2,989-54	3,327-32	.....	1,952,300
Lethbridge.....	2,012-00	.....	.....	.....	.....	.....	.....	.....	10,150
Moose Jaw.....	19,546-40	121,255-18	51,919-38	5,656-14	46,674-06	.....	.....	.....	3,959,440
Saskatoon.....	24,096-20	306,619-24	74,635-20	.....	216,224-36	.....	.....	.....	3,380,780
North Transcona..	315,848-50	397,183-03	868,343-26	1,659-46	1,594-36	.....	.....	.....	8,212,940

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1947.

FORT WILLIAM—PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	bus.	bus.	bus.	bus.
Wheat.....	194,296,316	964,662	109,384	195,370,362
Oats.....	61,537,025	521,619	.....	62,058,644
Barley.....	37,900,919	116,206	.....	38,017,125
Rye.....	5,649,752	186,265	29,683	5,865,700
Flaxseed.....	4,254,315	6,129	.....	4,260,444
Canadian Corn.....	74,661	35,709	.....	110,370
Mixed Grain.....	53,427,720 lbs.	8,786,920 lbs.	.....	62,214,640 lbs.
Sunflower Seeds.....	.....	.....	.....	.....
All Screenings.....	81,513,729 lbs.	28,103,880 lbs.	.....	109,617,609 lbs.

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bus.	bus.	bus.	bus.	bus.
Wheat.....	176,020,130	10,144,504	109,575	963,240	187,237,449
Oats.....	49,614,439	14,795,039	.....	522,466	64,931,944
Barley.....	30,962,477	6,499,238	.....	118,017	37,579,732
Rye.....	4,746,542	658,629	29,683	186,636	5,621,490
Flaxseed.....	1,339,984	2,375,632	.....	6,457	3,722,073
Canadian Corn.....	.....	84,352	.....	35,752	120,104
Mixed Grain.....	11,885,680 lbs.	39,153,240 lbs.	.....	8,699,260 lbs.	59,738,180 lbs.
Sunflower Seeds.....	.....	.....	.....	.....	.....
All Screenings.....	252,352,920 lbs.	104,555,230 lbs.	.....	28,272,042 lbs.	385,180,192 lbs.

TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN
GOVERNMENT ELEVATORS, CROP YEAR, 1946-1947

Keewatin.....	8,326
Winnipeg.....	16,621
Saskatoon.....	6,887
Moose Jaw.....	6,518
Calgary.....	8,354
Edmonton.....	1,134
Medicine Hat.....	4,955
Lethbridge.....	111
Churchill.....	1,918
Total.....	54,824

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1946-1947

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	11,779	1,222	296
Elevators, excluding Lakehead.....	4,856	790	347
Total.....	16,635	2,012	643

CANADIAN NATIONAL RAILWAY

Lakehead Elevators.....	12,092	463	114
Elevators, excluding Lakehead.....	4,049	311	99
Total.....	16,141	774	213
Total both Roads.....	32,776	2,786	856

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS
IN WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	4,561	1,281
C.N.R. Yards.....	2,540	636
Total.....	7,101	1,917

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHEL
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Busshels	Pounds per 1,000 Bushels
Wheat.....	164,328,847-40	Short 33.36
Oats.....	47,923,326-15	Short 22.64
Barley.....	24,860,365-12	Short 35.54
Rye.....	2,530,242-14	Short 85.24
Flaxseed.....	1,339,983-33	Short 37.28
Mixed Grain.....	8,375,664 lbs.	Short .51 lbs. per ton
Screenings.....	19,439-1350 tons	Short 3.69 lbs. per ton

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHELS
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS—*Concluded*

AMERICAN PORTS

Grain	Bushels	Pounds per 1,000 Bushels
Wheat.....	11,477,913-30	Short 30·84
Oats.....	2,388,008-28	Short 28·89
Barley.....	6,361,608-10	Short 55·61
Rye.....	2,245,983-26	Short 45·35
Flaxseed.....	.....	.....
Screenings.....	97,127-1780 tons	Short ·03 lbs. per ton

GRAND TOTALS—GRAIN SHIPPED

Wheat.....	175,806,761-10	Short 33·20
Oats.....	50,311,335-09	Short 22·94
Barley.....	31,221,973-22	Short 40·43
Rye.....	4,776,225-40	Short 66·49
Flaxseed.....	1,339,983-33	Short 37·28
Mixed Grain.....	8,375,664 lbs.	Short ·51 lbs. per ton
Screenings.....	116,567-1130 tons	Short ·64 lbs. per ton

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORSFORT WILLIAM, ONT.,
December 15, 1947The Board of Grain Commissioners,
Winnipeg, Manitoba.

SIRS,—I beg to submit the following report of the operations of the Canadian Government Elevators for the crop year 1946-47.

ELEVATORS OPERATED

The interior terminal elevators at Moose Jaw, Saskatoon, Calgary, Edmonton, and Lethbridge, and the elevator at Prince Rupert, were operated under Public Terminal Elevator licenses.

ELEVATOR LEASED

The terminal elevator at Port Arthur, Ontario, continued to be operated by McCabe Grain Co. Ltd., under lease covering a term of five years from August 1, 1944.

TARIFFS OF CHARGES

The tariff of charges for the handling, storing, cleaning, and drying of grain was the same as that in effect the previous year. Special tariffs of charges for the handling of Soybeans and Rapeseed were approved by the Board.

VOLUME OF GRAIN HANDLED

The amount of grain received into the elevators was less than that received in the previous year, 4,046,733 bushels compared with 4,927,415 bushels but in addition the following items were received: 62,595 bushels of Soybeans, 193,440 pounds of Rapeseed, and 52,460 pounds of Sunflower seed.

The following comparative statement shows the receipts of grain at each elevator during the last two crop years:

Elevator	1945-46	1946-47	Decrease	Increase
	bus.	bus.	bus.	bus.
Moose Jaw.....	459,606	50,864	408,742	.....
Saskatoon.....	494,273	494,987	.....	714
Calgary.....	2,172,577	2,150,596	21,981	.....
Edmonton.....	1,775,125	1,348,748	426,377	.....
Lethbridge.....	5,853	1,537	4,316	.....
Prince Rupert.....	19,981	Nil	19,981	.....
	4,927,415	4,046,732	880,683	Net

Grain shipped from the elevators during the year amounted to 5,564,817 bushels, a decrease of 8,121,135 bushels from the figure for the previous year. The continued demand for delivery of grain overseas had the effect of reducing stocks in store at the end of the year to 461,535 bushels, approximately 1½ million bushels below the figure at the beginning of the year.

MAINTENANCE OF BUILDINGS AND EQUIPMENT

Following established practice, all buildings, equipment, and trackage have been maintained as far as possible in good condition, but slow delivery of some items, particularly electrical equipment is still causing some inconvenience.

Major repairs and replacements include the following items:

BUILDINGS

Port Arthur—In compliance with Provincial Government regulations, three emergency exits are being provided, this work being about 80% completed. Extensive repairs were made to windows in the elevator and drier buildings. One steel roller door on the track shed was replaced.

Moose Jaw, Saskatoon, and Calgary—

The entire concrete structures, work houses, and storage annexes, were repaired where necessary and painted with waterproofing compound.

Calgary —Repairs to roofs of track shed, substation, and drier building.

EQUIPMENT

Port Arthur—One conveyor belt and one leg belt replaced. Repairs to fixed spouting.

Saskatoon —250 elevator buckets.

Calgary —New hammermill was installed replacing obsolete equipment that had been in use for thirty years.

Lethbridge —A portable air compressor was purchased.

Work on the installation of dust control equipment in the Port Arthur elevator is proceeding as quickly as material becomes available and is now about 75% completed.

A contract was entered into for the installation of a complete dust control system in the work house, track shed, and storage annex basement of the Edmonton elevator. This work is proceeding and is about 75% completed.

TRACKAGE

Port Arthur —Worn out frog, rails, and deck planking replaced and tracks levelled. Forty-five track ties installed.

Moose Jaw — 600 Treated Track Ties.
1,200 Tie Plates.

Saskatoon —1,000 Treated Track Ties.
84 Treated Switch Ties.
2,000 Tie Plates.

Calgary — 500 Treated Track Ties.
100 Untreated Track Ties.

Edmonton —2000 Tie Plates.
105 Treated Track Ties.

Lethbridge —1,000 Tie Plates.

Prince Rupert— 450 Track Ties.

STAFF

Staffs at all points have been maintained at the minimum of requirements. One permanent and four temporary employees resigned; two permanent and one temporary were retired on account of age and two permanents on account of ill health.

Six temporary appointments were made to fill vacant positions, two employees were promoted from casual to temporary status and two temporary positions are still to be filled.

Two temporary employees were granted permanent status.

FINANCIAL RESULTS OF OPERATIONS

Earnings from all sources for the fiscal year ended March 31, 1947, amounted to \$254,804.72, a decrease of \$499,054.73 from the previous year. The largest decrease was in earnings from Storage, \$428,951.07, due to the accelerated movement of grain which reduced stocks in store by approximately one and a half million bushels. Other large reductions were in rental of Port Arthur Elevator, \$40,903.19, due to decrease of more than eight million bushels in the volume of grain received, and of \$43,185.53 in revenue from sale of screenings due to smaller handling of grain to be cleaned. Earnings from drying showed an increase of \$17,299.90 over the previous year.

Expenditures during the fiscal year, \$372,770.92 were \$1,165.30 lower than the previous year.

The net result showed a deficit of \$117,966.20 compared with a surplus of \$379,923.23 in the previous year.

Following the procedure of former years, no provision is made in the financial statements for depreciation of plants and equipment, but, as stated above, the expenditures for maintenance of these are included in operating costs.

Respectfully submitted,

R. HETHERINGTON,
General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN.,

December 23, 1947

Board of Grain Commissioners,
Winnipeg, Manitoba.

SIRS,—I have the honour to submit the following summary report on the Grain Research Laboratory for the year 1947.

Hard red spring wheat of the 1947 crop was very low in bushel weight but higher than average in protein content and baking strength. The 1947 crop of amber durum wheat was lower in bushel weight, slightly lower in protein content, distinctly higher in pigment content, and slightly superior in macaroni-making quality, grade for grade, than the 1946 crop. A high percentage of the 1947 crop graded 3 C.W. and lower because Pelissier, a variety recently excluded from the two top grades, is still widely grown in Saskatchewan. The 1947 barley crop was slightly higher in nitrogen content, and slightly lower in malt extract and wort nitrogen than that of 1946. Only 13 per cent of the barley shipped during the early part of the crop year entered the malting grades. Malting quality decreased with grade, but a considerable portion of No. 1 Feed could be cleaned for malting purposes. The 1947 flax crop was about 1 per cent lower in oil content, slightly inferior in drying quality of oil, and higher in protein content of the oil-free meal, than the 1946 crop.

Preliminary information on the quality of Western Canadian grain crops was presented to the Western Committee on Grain Standards. Representative composite samples of Grades 1 and 2 Northern were obtained, and although the 3 Northern composite represented a reasonably good coverage of the Prairie Provinces, too few individual samples of this grade and of lower grades were obtained from areas where threshing was still in progress. The Laboratory gave the usual assistance to the Chief Inspector and his staff in preparing tentative standard samples and tentative export standard samples of hard red spring and durum wheats. Studies of the quality of type samples of the current wheat crop were undertaken for the Inspection Branch early in the crop year. Only a few samples of dried wheat have been submitted for testing, but it is believed that considerable quantities of dried wheat will require testing within the next few months. Supervision of moisture testing in the western and eastern offices of the Inspection Branch was continued.

During 1947, studies of the quality of bread wheat, macaroni wheat and malting barley, produced by plant breeders in 1946, were continued by the Laboratory, and the data obtained were presented and discussed at the spring meeting of the Associate Committee on Grain Research. At that meeting, one new wheat, Saunders, was recommended for licensing and for distribution in restricted areas. Saunders matures one to two days earlier than Thatcher, about the same time as Garnet, and about five days earlier than Marquis. The variety is resistant to stem rust, moderately susceptible to leaf rust, and definitely superior in both characteristics to Red Bobs and Thatcher. In milling and baking quality, Saunders is equal to Marquis. Saunders has shown to best advantage in northern Alberta and gives fairly good results in northern Saskatchewan. It is recommended for growing in parts of Alberta where Red Bobs is now favoured, and in these areas it is expected that it will largely displace Red

Bobs and to some extent Garnet and Thatcher also. Studies of new varieties produced in 1947 are in progress and include a large collaborative investigation in which British, United States, and Canadian chemists are participating.

Good progress has been made in expanding the professional staff of the Laboratory which was depleted during the war. Dr. I. Hlynka, formerly with the Division of Chemistry, Department of Agriculture, Ottawa, was appointed to the Board's staff in June, and has taken charge of bread wheat research. Four other members of the professional staff have received leave of absence for additional post-graduate study; two should obtain the degree of Ph.D. next year, but the others will require one or two additional years. This program of in-service training involved leave equivalent to 21 man-months during the current year. Research was thus hampered, but the future advantages of well trained staff will soon overcome the present setback. A competition was held for two additional junior positions for graduate chemists, but no suitable candidates were found. All 26 subprofessional positions on the staff have now been filled. Eight chemists, and the two vacancies for chemists, account for the remainder of the 36 positions now established.

Expansion of the staff made it necessary to obtain additional space. None was available on the eighth floor of the Grain Exchange Building adjoining the main laboratories, but a large office on the second floor was taken over on January 1, 1947. Administrative staff, secretarial staff, and the library, were moved to the new room about the end of January. Changing certain partitions, and redesigning the benching and services in some rooms made it possible to accommodate the growing staff by making more efficient use of the available space in the main laboratories. It was possible to maintain all the essential work of the Laboratory while these changes were being made, but certain investigations were delayed.

In the bread wheat section, studies of measurements of the physical properties of dough have been continued, analytical studies seeking fundamental explanations of the differences in quality between Thatcher and Rescue wheats have been started, and a comparative study of electrical meters for determining moisture content is also in progress. The durum laboratory is engaged principally in studies of the kinetics of the reactions responsible for the disappearance of pigment from semolina during processing of macaroni. This study also relates to fundamental differences between varieties. In both the malting and analytical sections, studies of the nitrogen fractions of grains are being continued.

During the year the Laboratory sent to the Board 42 reports of which 14 were published. The published reports included the Annual Report for 1946, and four crop bulletins and six press releases giving information on the quality of 1947 crops of bread wheat, durum wheat, barley, and flax. The preliminary protein map for hard red spring wheat was distributed on September 17, and the final map on November 12. Three papers were also published in various scientific journals.

A detailed report of the work of the Grain Research Laboratory is in preparation. In accordance with past practice, it is recommended that this report be published separately to put on record data on the quality of the more important Canadian grain crops and progress reports of Laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,
Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR ENDING MARCH 31, 1947

(a) WINNIPEG—

Revenue—

License Fees.....		29,635 00
Registration.....	10,459 09	
Cancellation Fees.....	11,576 34	
		22,035 43

Inspection Fees.....	173,227 23	
Overtime.....	783 00	
Samples Sold.....	9,495 80	
Cargo Certificate Splits.....	153 90	
Refund Express.....	1,502 00	
Sampling Fees.....	864 80	
		186,026 73
Appeal Fees.....		906 00

Weighing Fees.....	22,673 67	
Overtime.....	1,049 10	
Condition Reports.....	171 50	
		23,894 27
Executive Offices—Fines.....	130 00	
Executive Offices—Previous Year's Expenses.....	4 87	
		134 87
Grain Research Laboratory—Previous Year's Expenses.....		26 14

262,658 44

*Expenditure—**Board and Executive Offices—*

Salaries—		
Commission and Secretary.....	36,935 00	
Secretary's Office.....	12,420 76	
Licence and Bonding.....	14,913 67	
Rents—		
Executive Office.....	3,234 30	
Licence and Bonding.....	1,054 44	
Travelling Expenses—		
Grain Commission.....	2,184 10	
General Expenses—		
Grain Commission.....	3,387 48	
Licence and Bonding.....	765 81	
Printing and Stationery—		
Grain Commission.....	1,704 70	
Licence and Bonding.....	279 37	
		76,879 63

Assistant Commissioner's Office—

Salaries.....	8,912 67	
Rent.....	543 12	
Travelling Expenses.....	592 39	
General Expenses.....	153 27	
Printing and Stationery.....	1 48	
		10,202 93

Grain Research Laboratory—

Salaries.....	51,772 80	
Rent.....	8,611 20	
Travelling Expenses.....	1,222 33	
General Expenses.....	20,917 29	
Printing and Stationery.....	2,565 48	
		85,089 10

Registration—

Salaries.....	13,971 55	
Rent.....	1,381 44	
Travelling Expenses.....	130 55	
General Expenses.....	335 34	
Printing and Stationery.....	4 39	
		15,823 27

Accounts—

Salaries.....	9,137 61	
Printing and Stationery.....	705 69	
General Expenses.....	192 77	
		10,036 07

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1947—Continued

(a) WINNIPEG—Concluded—

*Expenditure—Concluded**Inspection—*

Salaries.....	345,151 24	
Rent.....	15,848 60	
Travelling Expenses.....	1,889 90	
General Expenses.....	15,457 79	
Printing and Stationery.....	3,751 26	
		382,098 79

Weighing—

Salaries.....	35,927 32	
Rent.....	1,282 92	
General Expenses.....	433 08	
		37,643 32

Grain Appeal Tribunal—

Salaries.....	4,380 00	
Rent.....	369 12	
General Expenses.....	724 26	
		5,473 38

Grain Standards Committee—

Travel.....	1,460 37	
General Expenses.....	1,400 00	
		2,860 37

626,106 86

(b) CHURCHILL—

Revenue—

Inspection Fees.....	3,608 88	
Overtime.....	348 10	
		3,956 98
Weighing Fees.....	3,608 88	
Overtime.....	293 10	
		3,901 98

7,858 96

*Expenditure—**Inspection—*

Salaries.....	2,373 40	
Travelling Expenses.....	540 90	
General Expenses.....	0 82	
		2,915 12

Weighing—

Salaries.....	1,489 19	
Travelling Expenses.....	540 30	
		2,029 49

4,944 61

(c) KEEWATIN—

*Revenue—**Inspection—*

Overtime.....		155 00
---------------	--	--------

Weighing—

Weighing Fees.....	8,174 00	
Overtime.....	201 50	
		8,375 50

8,530 50

Expenditure—

Salaries—Inspection.....		2,980 52
Salaries—Weighing.....	5,481 98	
General Expenses—Weighing.....	68 00	
		5,549 98

8,530 50

(d) SASKATOON—

Revenue—

Inspection Fees.....	6,468 59	
Overtime.....	63 00	
Samples Sold.....	453 71	
		6,985 30

Weighing Fees.....	6,745 11	
Overtime.....	139 90	
		6,885 01

13,870 31

*Expenditure—**Assistant Commissioner's Office—*

Salaries.....	9,408 79	
Travelling Expenses.....	701 74	
General Expenses.....	89 45	
Printing and Stationery.....	8 27	
		10,208 25

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1947—*Continued*

(d) SASKATOON—*Concluded—**Expenditure—Concluded**Inspection—*

Salaries.....	15,855 93	
Rent.....	877 00	
General Expenses.....	505 66	
Printing and Stationery.....	269 95	
	<hr/>	17,508 54

Weighing—

Salaries.....	11,713 20	
General Expenses.....	12 10	
	<hr/>	11,725 30

39,442 09

(e) MOOSE JAW—

Revenue—

Inspection Fees.....	7,704 04	
Overtime.....	228 00	
Samples Sold.....	417 44	
Sampling Fees.....	501 00	
	<hr/>	8,850 48

Weighing Fees.....	7,344 04	
Overtime.....	365 70	
	<hr/>	7,709 74

16,560 22

*Expenditure—**Inspection—*

Salaries.....	14,902 30	
Rent.....	900 00	
General Expenses.....	780 80	
Printing and Stationery.....	253 17	
	<hr/>	16,836 27

Weighing—

Salaries.....	9,937 47	
Travelling Expenses.....	203 90	
General Expenses.....	12 00	
	<hr/>	10,153 37

26,989 64

(f) MEDICINE HAT—

Revenue—

Inspection Fees.....	4,021 00	
Samples Sold.....	412 63	
	<hr/>	4,433 63

Weighing Fees.....	4,835 00	
Overtime.....	44 20	
	<hr/>	4,879 20

9,312 83

*Expenditure—**Inspection—*

Salaries.....	3,992 14	
Rent.....	240 00	
Printing and Stationery.....	20 86	
General Expenses.....	178 33	
	<hr/>	4,431 33

Weighing—

Salaries.....	4,879 20	
General Expenses.....	2 00	
	<hr/>	4,881 20

9,312 53

(g) LETHBRIDGE—

Revenue—

Inspection Fees.....	197 75	
Samples Sold.....	24 65	
	<hr/>	222 40

Weighing Fees.....	241 75	
	<hr/>	

464 15

*Expenditure—**Inspection—*

Salaries.....	2,603 32	
Travelling Expenses.....	476 89	
General Expenses.....	42 51	
	<hr/>	3,122 72

Weighing—

Salaries.....	2,640 24	
Travelling Expenses.....	164 02	
General Expenses.....	10 50	
	<hr/>	2,814 76

5,937 48

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1947—Continued

(h) CALGARY—

Revenue—

Inspection Fees.....	31,148 48	
Overtime.....	16 00	
Samples Sold.....	1,496 19	
Express Charges.....	237 50	
Sundries.....	4 00	
		32,902 17

Weighing Fees.....	12,439 57	
Overtime.....	576 20	
		13,015 77

Appeal Fees.....	1,329 00	
		47,246 94

Expenditure—

Assistant Commissioner's Office—

Salaries.....	6,898 56	
Rent.....	828 00	
Travelling Expenses.....	279 04	
Printing and Stationery.....	3 50	
General Expenses.....	230 09	
		8,239 19

Inspection—

Salaries.....	49,755 14	
Rent.....	3,001 00	
Travelling Expenses.....	620 76	
Printing and Stationery.....	506 49	
General Expenses.....	2,780 41	
		56,663 80

Weighing—

Salaries.....	21,198 79	
Rent.....	314 04	
General Expenses.....	243 20	
		21,756 03

Grain Appeal Tribunal—

Salaries.....	3,999 96	
Rent.....	420 00	
General Expenses.....	998 74	
Printing and Stationery.....	5 37	
		5,424 07

92,083 09

(i) PRINCE RUPERT—

Expenditure—

Weighing—

Salaries.....	358 31	
		358 31

(j) EDMONTON—

Revenue—

Inspection Fees.....	22,256 01	
Samples Sold.....	874 11	
Express Charges.....	233 50	
		23,363 62

Weighing Fees.....	5,576 93	
Overtime.....	37 70	
		5,614 63

Appeal Fees.....	612 00	
		29,590 25

Expenditure—

Inspection—

Salaries.....	47,006 58	
Rent.....	3,834 00	
Travelling Expenses.....	188 11	
General Expenses.....	2,312 90	
Printing and Stationery.....	478 89	
		53,820 48

Weighing—

Salaries.....	11,236 00	
General Expenses.....	261 18	
		11,497 18

Grain Appeal Tribunal—

Salaries.....	4,497 21	
Rent.....	510 00	
General Expenses.....	483 52	
		5,490 73

70,808 39

(k) VANCOUVER—

Revenue—

Inspection Fees.....	65,459 37	
Overtime.....	1,845 90	
Samples Sold.....	4,356 34	
		71,661 61
Weighing Fees.....	101,470 46	
Overtime.....	1,502 40	
Refund of Previous Year's Expenditure.....	1 25	
		102,974 11
Registration Fees.....	2,399 40	
Cancellation Fees.....	2,475 64	
		4,875 04

179,510 76

Expenditure—

Inspection—

Salaries.....	87,670 20	
Rent.....	4,239 00	
General Expenses.....	2,238 52	
Printing and Stationery.....	862 84	
		95,010 56

Weighing—

Salaries.....	77,306 91	
Rent.....	1,659 00	
General Expenses.....	1,134 61	
Printing and Stationery.....	9 04	
		80,109 56

Registration—

Salaries.....	5,501 50	
Rent.....	1,092 00	
General Expenses.....	164 42	
Printing and Stationery.....	15 05	
		6,772 97

181,893 09

(l) FORT WILLIAM—

Revenue—

Inspection Fees.....	271,565 90	
Overtime.....	4,407 40	
Cargo Certificate Splits.....	0 60	
Samples Sold.....	11,359 75	
Sundries.....	125 95	
		287,459 60

Weighing Fees.....	418,262 96	
Overtime.....	3,528 90	
Refund of Previous Year's Expenditures.....	5 60	
		421,797 46
Statistical—Previous Year's Expenditures.....		52 95

709,310 01

Expenditure—

Inspection—

Salaries.....	396,270 04	
Rent.....	12,536 88	
Travelling Expenses.....	2,577 01	
General Expenses.....	10,893 40	
Printing and Stationery.....	3,522 72	
		425,800 05

Weighing—

Salaries.....	285,567 26	
Rent.....	2,851 68	
Travelling Expenses.....	9,108 53	
General Expenses.....	3,132 35	
Printing and Stationery.....	2,540 68	
		303,200 50

Assistant Commissioner's Office—

Salaries.....	9,088 75	
Rent.....	540 00	
General Expenses.....	200 21	
		9,828 96

Statistical Branch—

Salaries.....	46,769 99	
Rent.....	3,705 00	
Travelling Expenses.....	944 04	
General Expenses.....	3,293 13	
Printing and Stationery.....	2,049 72	
		56,761 88

795,591 39

GRAIN COMMISSION

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STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1947—*Concluded*

(m) TORONTO—

Revenue—

Inspection Fees.....	784 88	
Overtime.....	11 00	
Samples Sold.....	15 61	
Sampling Fees.....	22 00	
		833 49

833 49

Expenditure—

Inspection—

Salaries.....	5,309 79	
Rent.....	540 00	
General Expenses.....	292 63	
Printing and Stationery.....	6 53	
		6,148 95

6,148 95

(n) MONTREAL—

Revenue—

Inspection Fees.....	490 52	
Overtime.....	44 00	
Cargo Certificate Splits.....	470 70	
Samples Sold.....	172 75	
Sampling Fees.....	784 60	
		1,962 57

Weighing—Previous Year's Expenditures..... 33 20

Registration Fees.....	3,295 81	
Cancellation Fees.....	3,418 58	
		6,714 39

8,710 16

Expenditure—

Inspection—

Salaries.....	41,266 16	
Rent.....	1,940 04	
Travelling Expenses.....	3,675 92	
General Expenses.....	777 78	
Printing and Stationery.....	264 88	
		47,924 78

Weighing—

Salaries.....	2,264 79	
Rent.....	435 00	
Travelling Expenses.....	450 07	
General Expenses.....	144 90	
Printing and Stationery.....	11 31	
		3,306 07

Registration Branch—

Salaries.....	5,724 70	
Rent.....	465 00	
Travelling Expenses.....	1,254 74	
General Expenses.....	264 63	
Printing and Stationery.....	80 05	
		7,789 12

59,019 97

(o) CHATHAM—

Revenue—

Inspection Fees.....	4,055 53	
Overtime.....	25 00	
Samples Sold.....	435 80	
Sampling Fees.....	8,523 90	
		13,040 23

13,040 23

Expenditure—

Inspection—

Salaries.....	14,484 41	
Rent.....	420 00	
Travelling Expenses.....	7,674 29	
Printing and Stationery.....	76 26	
General Expenses.....	731 21	
		23,386 17

23,386 17

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES
REVENUE

Points	Inspection \$ cts.	Weighing \$ cts.	Appeal Boards \$ cts.	Registra- tion \$ cts.	Commis- sion \$ cts.	Statistical \$ cts.	Accounting \$ cts.	Research Laboratory \$ cts.	Grain Standards \$ cts.	Total \$ cts.
Winnipeg.....	186,026 73	23,894 27	906 00	22,035 43	29,769 87			26 14		262,658 44
Churchill.....	3,956 98	3,901 98								7,858 96
Keewatin.....	155 00	8,375 50								8,530 50
Saskatoon.....	6,985 30	6,885 01								13,870 31
Moose Jaw.....	8,850 48	7,709 74								16,560 22
Medicine Hat.....	4,433 63	4,879 20								9,312 83
Lethbridge.....	222 40	241 75								464 15
Calgary.....	32,902 17	13,015 77	1,329 00							47,246 94
Edmonton.....	23,363 62	5,614 63	612 00							29,590 25
Vancouver.....	71,661 61	102,974 11		4,875 04						179,510 76
Fort William.....	287,459 60	421,797 46				52 95				709,310 01
Toronto.....	833 49									833 49
Montreal.....	1,962 57	33 20		6,714 39						8,710 16
Chatham.....	13,040 23									13,040 23
	641,853 81	599,322 62	2,847 00	33,624 86	29,769 87	52 95		26 14		1,307,497 25

EXPENDITURE

Winnipeg.....	382,098 79	37,643 32	5,473 38	15,823 27	87,082 56	.....	10,036 07	85,089 10	2,860 37	636,106 86
Churchill.....	2,915 12	2,029 49	.....	.....	.....	.....	.....	.....	.....	4,944 61
Keewatin.....	2,980 52	5,549 98	.....	.....	.....	.....	.....	.....	.....	8,530 50
Saskatoon.....	17,508 54	11,725 30	.....	.....	10,208 25	.....	.....	.....	.....	39,442 09
Moose Jaw.....	16,836 27	10,153 37	.....	.....	.....	.....	.....	.....	.....	26,989 64
Medicine Hat.....	4,431 33	4,881 20	.....	.....	.....	.....	.....	.....	.....	9,312 53
Lethbridge.....	3,122 72	2,814 76	.....	.....	.....	.....	.....	.....	.....	5,937 48
Calgary.....	56,663 80	21,756 03	5,424 07	.....	8,239 19	.....	.....	.....	.....	92,083 09
Prince Rupert.....	.....	358 31	.....	.....	.....	.....	.....	.....	.....	358 31
Edmonton.....	53,820 48	11,497 18	5,490 73	.....	.....	.....	.....	.....	.....	70,808 39
Vancouver.....	95,010 56	80,109 56	.....	6,772 97	.....	.....	.....	.....	.....	181,893 09
Fort William.....	425,800 05	303,200 50	.....	.....	9,828 96	56,761 88	.....	.....	.....	795,591 39
Toronto.....	6,148 95	.....	.....	.....	.....	.....	.....	.....	.....	6,148 95
Montreal.....	47,924 78	3,306 07	.....	7,789 12	.....	.....	.....	.....	.....	59,019 97
Chatham.....	23,386 17	.....	.....	.....	.....	.....	.....	.....	.....	23,386 17
	1,138,648 08	495,025 07	16,388 18	30,385 36	115,358 96	56,761 88	10,036 07	85,089 10	2,860 37	1,950,553 07

Total Revenue.....\$ 1,307,497 25

Total Expenditure.....1,950,553 07

Net Deficit.....\$ 643,055 82

APPENDIX No. 10

REGULATIONS OF THE BOARD

All regulations of the Board were revised and consolidated on October 31, 1947. The regulations in effect at December 31, 1947 are as follows:

- No. 1—Registration and Cancellation of Terminal Elevator Warehouse Receipts.
- 2—Registration and Cancellation of Eastern Warehouse Receipts and Transfer Receipts.
- 3—Construction of Elevators.
- 4—Cleaning Grain and Bins, Terminal Elevators.
- 5—Off Grades for Western Grain.
- 6—Off Grades for Eastern Grain.
- 7—Grades of Screenings.
- 8—Inspection of Samples taken other than at an Inspection Point.
- 9—Appeals from Inspection Officers to Grain Appeal Tribunals.
- 10—Delivery of Grain to Ocean Vessels at Montreal.
- 11—Delivery of Grain to Ocean Vessels at West Saint John.
- 12—Delivery of Grain to Ocean Vessels at East Saint John.
- 13—Delivery of Grain to Ocean Vessels at Halifax.
- 14—Enforcement of Lien by Sale of Grain.
- 15—Drying of Grain.
- 16—Fees.
- 17—Records, Reports and Returns.
- 18—Procedure, Country Elevators.
- 19—Receipt for Grain Delivered to Private Country Elevators and Mill Elevators.
- 20—Maximum Tariff of Charges, Eastern Elevators.
- 21—Maximum Tariff of Charges, Country Elevators.
- 22—Maximum Tariff of Charges, Terminal Elevators.

[illegible]

JUL 13 RETURN

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